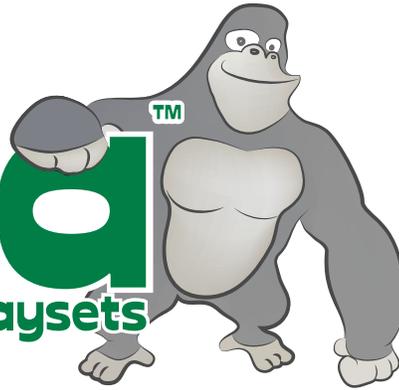


gorilla

playsets



Riverview

Model: 801N

(BOXES: 801N-1, 801N-2,
1513, RV, 120 & Slide Box)

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190 Etowah Industrial Court
Canton, GA 30114

www.gorillaplaysets.com



Please inspect and inventory all parts immediately upon accepting delivery. Use the inventory pages in the manual to make sure you have received all necessary parts. The quickest method to get any parts that are missing or damaged is to use our “Quick Response Center” located at:

www.gorillaplaysets.com/support

DO NOT RETURN THIS PRODUCT TO THE RETAILER OR CONTACT THE RETAILER DIRECTLY. THE RETAILER DOES NOT STOCK COMPONENTS.

PLEASE RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. CHECK FOR REVISED INSTRUCTIONS AT:

www.gorillaplaysets.com/manuals

GORILLA PLAYSETS WARRANTY – 2015

Gorilla Playsets® (“Gorilla”) warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions, for 10 years for above ground structural wood components and for one year for all other components (e.g., swings, hardware, plastics, tarps, rope ladder, etc.).

Gorilla warrants all remaining products, including but not limited to its , Free Standing Swing Set, Free Standing Tire Swing, See-Saw, Children’s Picnic Table with Umbrella, Play-Zee-Bo™, Cedar Toy Chest and spring riders to be free from defects in workmanship and materials, under normal use and conditions, for a period of 1 year.

Cosmetic imperfections and natural tendencies of wood such as peeling, splintering, warping, seasonal checking or cracking, knots or knot holes, etc. are normal characteristics of all outdoor wooden play equipment and are not covered by this warranty. Checks or cracks in wood components that do not affect the intended function of the part, piece or overall swing set are not covered under this warranty.

Wood rot or decay that develops because the product was installed in an area with poor drainage is not covered under this warranty. Lumber that has been damaged by wood boring bees, or conditions that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading of stain, discoloration or mold on any wood part or accessory is not covered by this warranty. Cracks in plastic components, surface rust on hardware and chips on powder coated materials are not considered defects in material as long as they do not affect the functionality or structural integrity of the part or component.

It is the owner’s responsibility to maintain the swing set. **This includes but is not limited to staining and sealing the lumber as needed and regular inspection to be sure all hardware is tight.** Instructions for proper maintenance can be found on Gorilla’s website. Imperfections or conditions that develop because of a failure to properly maintain the swing set are not covered by this warranty.

Gorilla will, at its discretion, replace any above ground part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect, which, at Gorilla’s discretion, may be accomplished by submitting photographs or by delivery of the defective part to Gorilla Playsets • 190 Etowah Industrial Ct. • Canton, GA 30114 • 1-800-882-0272 Monday to Friday 9AM-5PM EST. Any warranty claim must include proof of purchase, including the date of purchase. **In addition, within the first 30 days from the date of purchase, Gorilla will replace any parts discovered to be missing from or damaged in the original packaging.**

This warranty is valid only if the product is used for the purpose for which it was designed and installed at a residential, single-family dwelling. This warranty is void if the product is used in a commercial, institutional or multi-family setting. **This warranty does not cover normal wear and tear or (a) products that have been damaged by acts of God and/or nature, negligence, misuse or accident; (b) products that have been modified or repaired by unauthorized persons; (c) the cost of labor; or (d) the cost of shipping any replacement product or part.**

GORILLA DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. GORILLA WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. Some states do not allow limitations on implied warranties or exclusion of incidental or consequential damages, so these restrictions may not be applicable to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

IMPORTANT SAFETY GUIDELINES

This product is recommended for use by children ages 3-11. This product is intended for residential use only and not intended for use in any public setting. A safety surface such as mulch or recycled tire should be used under the play set to prevent injury from falls. Also a 6 foot safety zone should be used around the entire play set.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. Gorilla recommends you follow all tool manufacturers' safety guidelines. Always wear eye protection and safety gloves to prevent injury. In several phases of construction two people may be required for lifting and securing of lumber. While the play set is being constructed, please keep children off the equipment until the project is complete. Bolts and screw heads should be checked regularly for tightness. The ground ladder, rope ladder, slide, swings and other areas where children spend a majority of their playtime should be checked more frequently.

Gorilla shall not be liable for incidental, indirect or consequential damages or injuries that result from building and/or playing on our play sets. Adult supervision is recommended anytime a play set is being used.

WEIGHT LIMITS FOR GORILLA PLAYSETS

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELT: 225 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD. UP TO 140 LBS. TOTAL WEIGHT.
- TRAPEZE: 125 LBS.
- FULL BUCKET SWING/ HALF BUCKET SWING: 50 LBS.
- HEAVY DUTY TODDLER BUCKET SWING: 85 LBS.
- INFANT SWING: 35 LBS.
- TIRE SWING: 125 LBS. TOTAL WEIGHT
- ROPE LADDER: 75 LBS.
- ROCK WALL: 150 LBS.
- CLIMBING RAMP: 150 LBS.
- MONKEY BARS: 175 LBS.
- ALL SLIDES: 150 LBS.

Gorilla recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the play set and injury to the users.

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IMPORTANT – PLEASE READ

Congratulations! You have just purchase one of the finest residential wooden swing sets available today. As with any wooden product that spends its entire life outside, in varying elements, it is important to know what to expect with your new swing set so that your family can enjoy it for many years.

As your swing set acclimates to its new environment, natural characteristics of the wood can show in the form of checks, or “cracks” in the lumber. In almost all cases this is normal and it will not affect the structural integrity of your play set and is not covered under warranty.

KEEPING YOUR PLAYSET LIKE NEW

MUST DO's

The following owner responsibilities are crucial to the safety, integrity and aesthetic appeal of your swing set and may affect the warranty if not adhered to.

WITHIN 60 DAYS

- Check and tighten Hex Bolts/T-nuts, Carriage Bolts/Lock-nuts, and Lag Screws within the first 60 days and then twice annually – once before each season and then once during the season.

WITHIN 90 DAYS

- Apply a **sealant** or **semi-transparent stain with sealant** within the first 90 days of owning the swing set. Our own Stain/sealant is available online here: <http://www.gorillaplaysets.com/Playground-Sealant-p/10-0003.htm>

Oil based stain or water based stain may be used. Should you choose to use other stain we suggest asking the product covering specialists at any number of specialty paint stores or home improvement centers for a product that would work best for your local environment. ** TIP – while the set is new, take a small board from the store with you so they can color match the tint of the stain or sealant.

SEASONAL REMINDERS

- If your area experiences regular snowfall, remove your fabric tarp/canopy to avoid stretching, sagging or tearing of the material. Store it inside, folded up, and it will be as good as new when winter is over.
- If your area experiences extremely cold temperatures, remove swing belts and other pliable features to prolong the lifespan of these play activities.

OTHER TIPS

- Spray swing hangers with Pam, Mazola or olive oil to stop squeaking; do not use petroleum based products such as WD-40 or motor oil.
- To repel yellow jackets and wasps, use a cotton ball and dab interior wooden corners underneath the play set deck with a liquid dish soap. Avoid using insecticides.
- To speed up the slide wipe the center of slide with wax paper every 2 - 3 weeks.

For additional safety and maintenance guidelines, please visit our website.



IMPORTANT DOCUMENTS

CUSTOMER MUST READ AND RETAIN

Please go to the following links and read important **SAFETY** information prior to using your new play structure.

<http://www.gorillaplaysets.com/Swing-Set-Safety-s/85.htm>

<https://www.gorillaplaysets.com/Maintenance-s/129.htm>

<http://www.gorillaplaysets.com/manuals.html> (Click on your specific model)

<http://www.gorillaplaysets.com/Warranty-s/82.htm>

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious injury. Please review these safety rules regularly with your children.

WARNING:

Children must NOT use this play set until it has been completely assembled and inspected by an adult to ensure it has been properly installed.

Gorilla Playsets
190 Etowah Industrial Court
Canton, GA. 30114



Model: 801N

(BOXES: 801N-1, 801N-2,
1513, RV, 120 & Slide Box)

REV: 3.17.2015

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PLEASE READ OWNER'S MANUAL CAREFULLY BEFORE ASSEMBLY!

Safety and Maintenance Tips for Your New Play Set:

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

- This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor, 3 occupants who have a combined weight of 425 pounds on the swing area, for a total Unit capacity of 7 occupants who have a combined weight of 1225. (This weight does not include any picnic table area(s).)
- On-site adult supervision is required.
- Teach children not to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
- Teach children to sit in and never stand on swings
- Teach children not to twist the chains and ropes and not to loop them over the swing beam, since this may reduce the strength of the chain or rope.
- Teach children not to jump from swings or other playground equipment in motion.
- Teach children not to push empty seats. The seat may hit them and cause serious injury.
- Teach children to sit in the center of the swings with their full weight on the seats.
- Teach children not to use the equipment in a manner other than intended.
- Teach children to always go down slides feet first. Never slide headfirst.
- Teach children to look before they slide to make sure no one is at the bottom.
- Teach children to never run up a slide, as this increases their chances of falling.
- The parents should have the children dress appropriately with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
- Teach children not to climb when the equipment is wet.
- Teach children to never jump from a fort deck. They should always use the ladder, ramp or slide.
- Teach children to never crawl or walk across the top of monkey bars or swing beam.
- Teach children to never crawl on top of a fort roof or on the outside of a tube slide.
- Verify that any suspended climbing ropes, chains, or cables are secured at both ends and that they cannot be looped around an adult hand.
- Teach children not to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
- Teach children to never wrap their legs around swing chain.
- Teach children to never slide down the swing chain.
- Teach children to remove their bike or other sports helmet before playing on the playground equipment.
- Teach children to NEVER look at the sun or other bright light through any accessory such as but not limited to a telescope, periscope or binoculars.

WARNING: Children must NOT use this play set until it has been completely assembled and inspected by an adult to insure it has been properly installed and the swing beam legs are anchored.

Safety and Maintenance Tips for Your New Play Set: (continued)

Playgrounds should be inspected on a regular basis. If any of the following conditions are noted, they should be removed, corrected, or repaired immediately to prevent injuries.

- Hardware that is loose, worn or that has protrusions or projections.
- Exposed equipment footings.
- Scattered debris, litter, rocks, or tree roots.
- Splinters, large cracks, and decayed wood components.
- Deterioration and corrosion on structural components, which connect to the ground.
- Missing or damaged equipment components, such as handholds, guardrails, swing seats.
- Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) We recommend you check the swing beam and hardware often due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
- Remove plastic swing seats and take indoors or do not use when the temperature drops below 32°F. Reinstall swings and other swing equipment at the beginning of the usage season.
- Oil all metallic moving parts monthly during the usage period.
- Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
- Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact us for warranted replacement parts.
- Swing chains, rings, ropes, etcetera should always be fastened to a rotating swing hanger. NEVER attach a chain, ring, rope, etcetera to a stationary hanger such as but not limited to an eye bolt. Severe wear could occur leading to an injury.
- For rusted areas on metallic members such as monkey bars, hand supports brackets, etc.; sand and repaint, using a non lead-based paint meeting the requirements of Title 16 C.F.R. Part 1303. These requirements are available at: <http://www.cpsc.gov/>
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your play set with stain regularly, it will help prevent severe checking/splitting and other weather damage.
- Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your set. Please note this is a requirement of your warranty.
- Creating and maintaining the play set on a level location is very important. As your children play, your play set will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.
- Twice a month during the usage season rake the playground protective surfacing materials to prevent compaction and maintain appropriate depths. Replace the protective surfacing materials as required.
- Disposal Instructions: When the play set is no longer desired, it should be disassembled and disposed of in such away that no unreasonable hazards will exist at the time the play set is discarded.

Play Set Surfacing Recommendations:

Below are some of the recommendations that the U.S. Consumer Product Safety Commission (CPSC) offers from its Handbook for Public Playground Safety. The guide can be downloaded in full at www.cpsc.gov/cpscpub/pubs/325.pdf

1. Protective Surfacing - Since almost 60% of all injuries are caused by falls to the ground, protective surfacing under and around all playground equipment is the most critical safety factor on playgrounds.

Certain manufactured synthetic surfaces also are acceptable; however, test data on shock absorbing performance should be requested from the manufacturer.

Asphalt and concrete are unacceptable. They do not have any shock absorbing properties. Similarly, grass and turf should not be used. Their ability to absorb shock during a fall can be reduced considerably through wear and environmental conditions.

Certain loose-fill surfacing materials are acceptable. Surfacing materials are acceptable, such as the types and depths shown in the table.

Fall Heights and Materials

Type Of Material	6 in. depth	9 in. depth	12 in. depth
Double-Shredded bark mulch	6' Fall Height	10' Fall Height	11' Fall Height
Wood Chips	6' Fall Height	7' Fall Height	12' Fall Height
Fine Sand	5' Fall Height	5' Fall Height	9' Fall Height
Shredded Tires*	10-12' Fall Height	N/A	N/A
Fine Gravel	6' Fall Height	7' Fall Height	10' Fall Height

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

It should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

2. Fall Zones - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending a Minimum of 6' in all directions from the perimeter of the equipment.

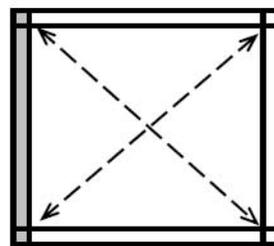
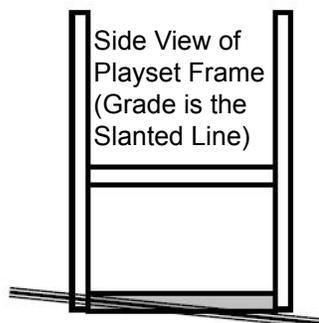
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

LEVELING YOUR FORT DURING ASSEMBLY

- Complete the steps which will be the basic frame of the fort. {i.e. four corner posts with base (sand box boards) and deck supports}
- Position in the most level area chosen for the play set, keeping in mind the location and size of the swing beam, ladder, slides, etc. that extend off the fort.
- Once the frame is in the final position, check for vertical and horizontal levelness to determine which side(s) will need to be dug into the ground to level the play set.
- With a shovel, score the ground around the outside edges of the sandbox boards on the 'high' side of the fort. This is the area that will be dug in. Make sure to score deep enough; the scored lines will be your digging template.
- Push the frame off and away from the scored area, far enough to dig and remove dirt to reach the appropriate depth.
- Dig a channel along the scored line(s) for the base of the fort (corner post and sandbox boards) to rest into. Dig the channel(s) to the same level depth. The bottom of the channel(s) should be level to each other so your frame doesn't teeter or rock because the channel(s) are uneven.
- Once you have removed enough grass and dirt, slide/push the frame into the channel(s). Place a level on the vertical and horizontal boards of the frame to determine if enough soil, or too much, was removed.
- Repeat this process until the basic frame is plumb and level and in its final position before completing the rest of the assembly.
- Measure to make sure fort is square.

Important: if you require a channel depth of more than 6", then we recommend you have your play set area professionally graded before completing assembly.

Example Play area:



The diagonal measurements should be the same from corner post to corner post. If not, adjust corner posts so that the distance is equal.

■ = Area to be scored and channeled for levelness

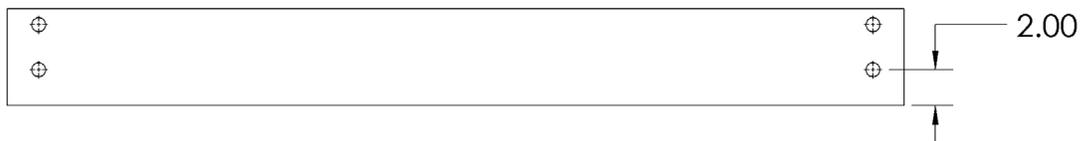
General Info to Review Before Installation

- Depending on your experience, assembly of the playset can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.
- Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.
- After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.
- Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.
- Important note: Wood has some natural defects such as knots, surface cracks, etc... We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.
- After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand the installation process, and help to eliminate unnecessary mistakes.
- Pay close attention to the diameter and length of each bolt and screw.
- Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.
- After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.
- After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.
- Place the set on level ground, not less than 6 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.

Offset Holes- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will be instructed to attach the boards with the holes offset up or with the holes offset down. This refers to which side of the board the hole/holes should be closer to. Offset holes up= hole/holes will be closer to the top of the board. Offset holes down= hole/holes will be closer to the bottom of the board. Note: some parts do not have offset holes, but instead the holes are on center. Therefore there will not be any reference on how to offset these parts.

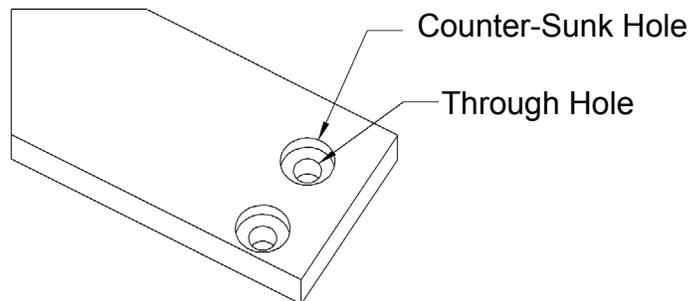
EXAMPLE OF OFFSET HOLES UP



EXAMPLE OF OFFSET HOLES DOWN



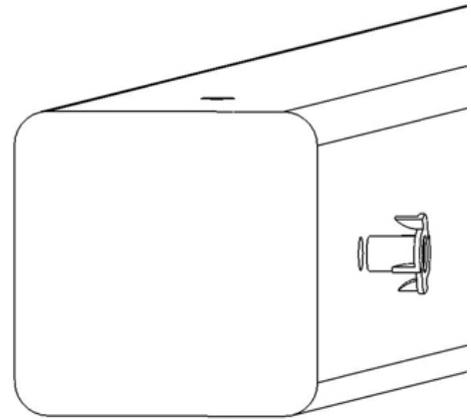
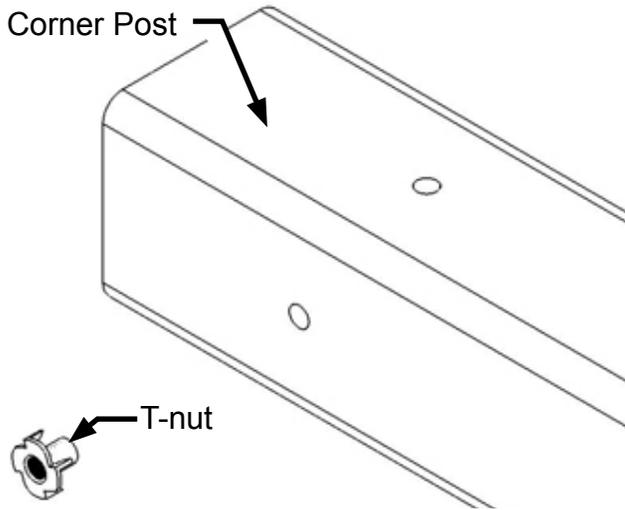
Counter-sunk holes - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head of the bolt and washer or nut and washer will occupy the counter sunk hole.



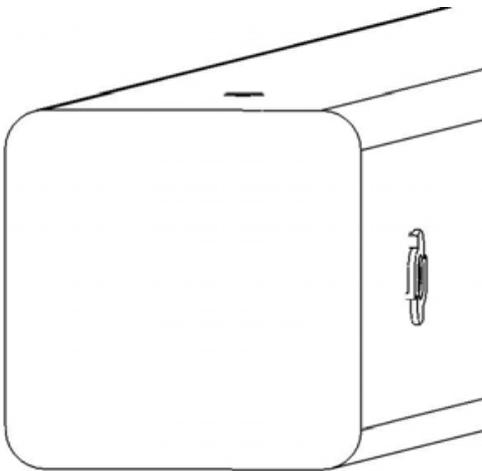
Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill a hole first. Instructions for this are provided on a separate page in the front of the manual. Be sure to tighten the lags completely when driving them in by hand. Power tools such as a heavy duty impact driver or large power drill should have enough torque to drive in the lag screws, but make sure not to over tighten as this can cause the threads to “strip out” in the post.

Common Installation Practice Installing T-nuts

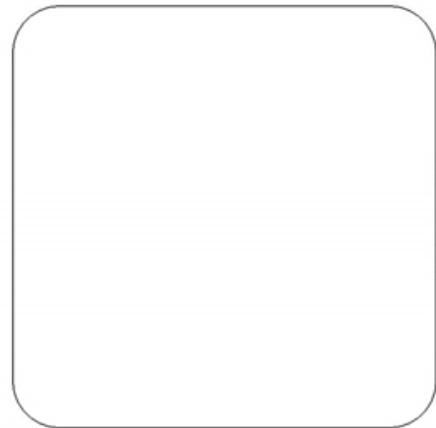
When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood.



Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.

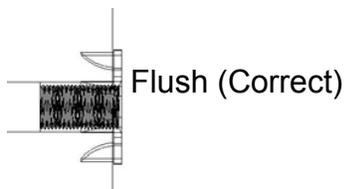


This picture shows the T-nut inserted and installed flush to the wood.



This picture shows an end view of the T-nut installed flush to the wood.

WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD



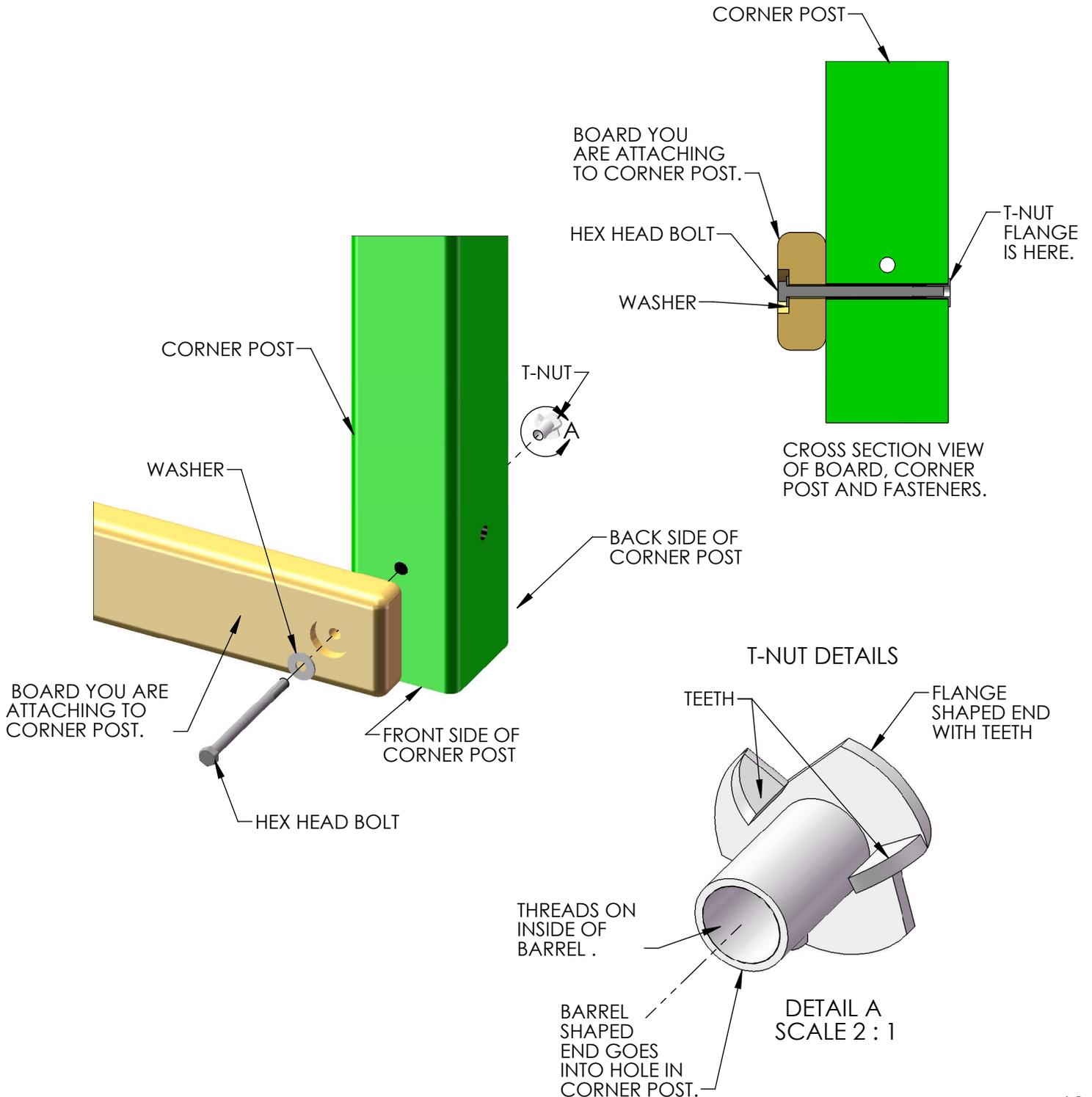
Cross Section end view, you are looking at an X-ray view of the post and T-nut. The barrel of the T-nut is in the corner post the line is the face of the wood.

HOW A T-NUT WORKS

THE FIRST STEP IN OUR ASSEMBLY INSTRUCTIONS IS TO INSERT T-NUTS INTO THE CORNER POSTS. A T-NUT IS A FASTENER WHICH IS THREADED ON THE INSIDE AND IT FUNCTIONS JUST LIKE A STANDARD HEX NUT. YOU INSERT THE T-NUTS INTO THE PREDRILLED HOLES IN THE CORNER POSTS.

THE T-NUT HAS A BARREL SHAPED END WHICH GOES INTO THE HOLE IN THE CORNER POST. THE T-NUT ALSO HAS AN FLANGE SHAPED END WITH TEETH. THE TEETH PENETRATE INTO THE CORNER POST WOOD TO PREVENT THE T-NUT FROM SPINNING WHEN YOU TIGHTEN THE HEX HEAD BOLT.

SHOWN BELOW YOU WILL SEE THE T-NUT IS HAMMERED INTO THE CORNER POST ON THE BACK SIDE. THE BOARD IS BEING ATTACHED ON THE FRONT SIDE OF THE CORNER POST.

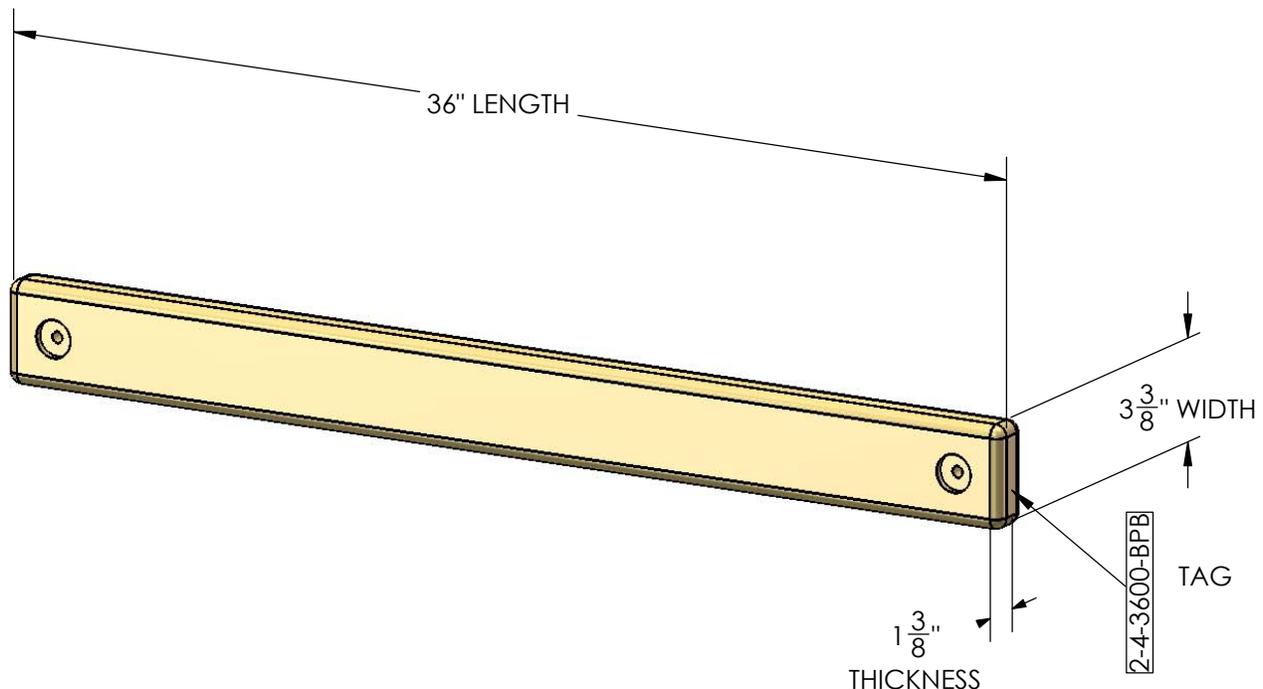


BOARD IDENTIFICATION

1. On the end of each board there should be a small white tag that is stapled into place.
2. This white identification tag displays the thickness, width, length and an abbreviated description of the part.

Example: a tag reads "2-4-3600-BPB"

- The 2 is the thickness of the board. "Nominal Lumber" at a home center will measure 1-1/2" for the thickness. We "remill" that lumber to 1-3/8" thick.
- The 4 is the width of the board. "Nominal Lumber" at a home center will measure 3-1/2" for the width. We "remill" that lumber to 3-3/8" wide.
Note: sometimes the width will be smaller than 3-3/8" because:
A) We need the width of the part to fit into a certain area of the play set.
B) We need the designation to be simple.
- The 3600 is the length of the board. It means the board is 36 inches long. If the code were 3625 then the board is 36-1/4" in length.
- The "BPB" abbreviation stands for "Bottom Panel Board". The wood part bill of materials in the instructions has a description which will match the abbreviation closely.
- In the event that there is no tag on a wood part measure the part then:
A) Use the measurements and compare them to the wood list at the front of the instructions to identify it.
B) Look at the holes on the wood part and compare them to the pictures in the wood list.
C) Look to see if the holes are centered or if they are offset up or offset down.
This should help you identify any parts that have missing tags. In the event that you cannot identify a board please email us for assistance.



PRE-DRILL LAG SCREW DIRECTIONS

Pre-drilling holes for lag screws will make it easier to drive the screws in by hand. "Jobber" length drill bits are available in sizes that are longer than standard drill bits and those are ideal for the job. When using the drill bit you will have to "spot" drill the post and then remove the board you are attaching to finish drilling the hole.

Pay attention to the *DIAMETER* of the lag screw you are installing. Your playset may come with two different diameter lag screws. Each diameter will require a different size drill bit. When installing lag screws **DO NOT OVERTIGHTEN.**

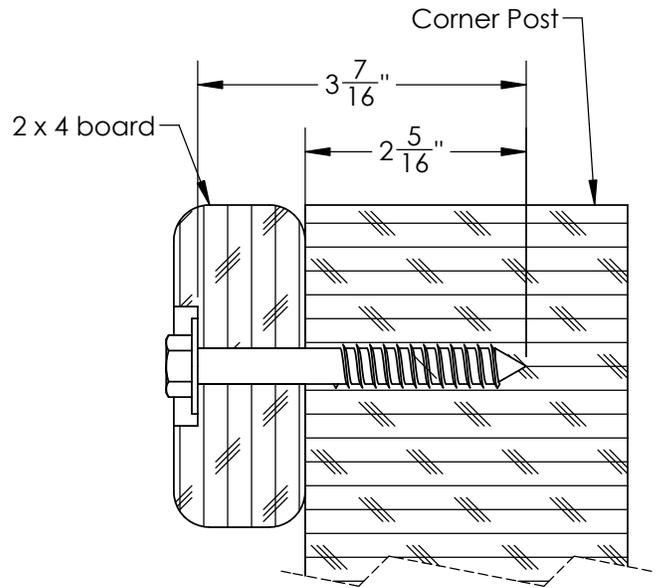
LAG SCREW DIAMETER	DRILL BIT SIZE
5/16" DIAMETER	9/64"
3/8" DIAMETER	11/64"

Example: 3/8" diameter x 3-1/2" lag screw

This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 11/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.

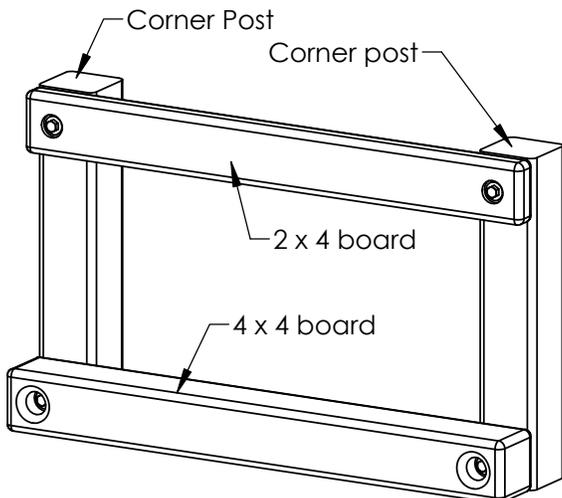
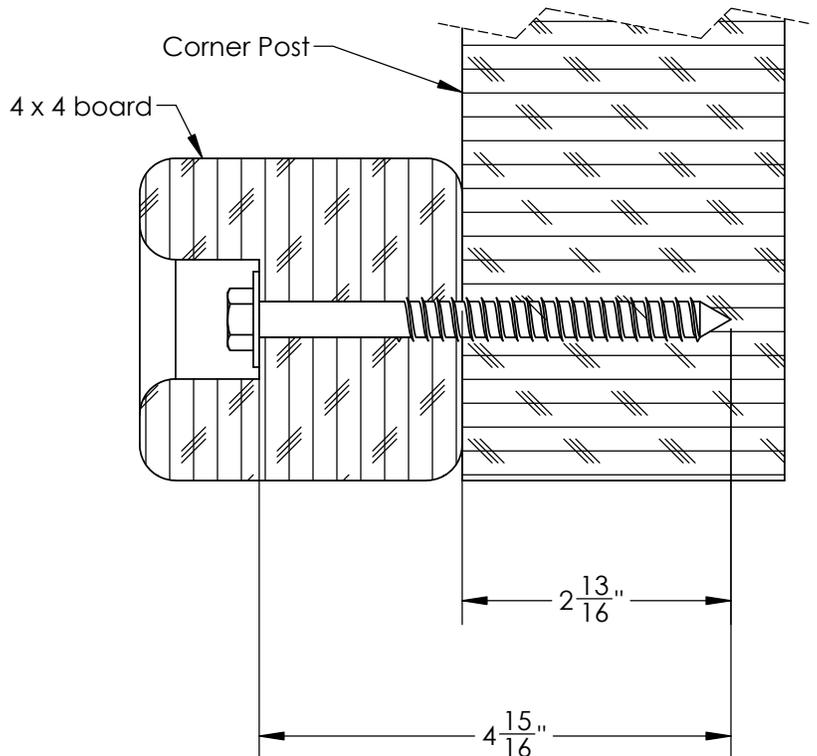
Example 5/16" diameter x 3-1/2" lag screw

This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 9/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.



Example 3/8" diameter x 5" lag screw

This would be like the 4 x 4 board installation shown below. Place the board into position. Spot drill through the holes in the 4 x 4 board into the corner posts with an 11/64" drill bit. Remove the 4 x 4 board. Continue to drill the holes to a total depth of 2-13/16" as shown at the right. Install the 4 x 4 board.



SWING BEAM LOADING

Weight Limits for Accessories:

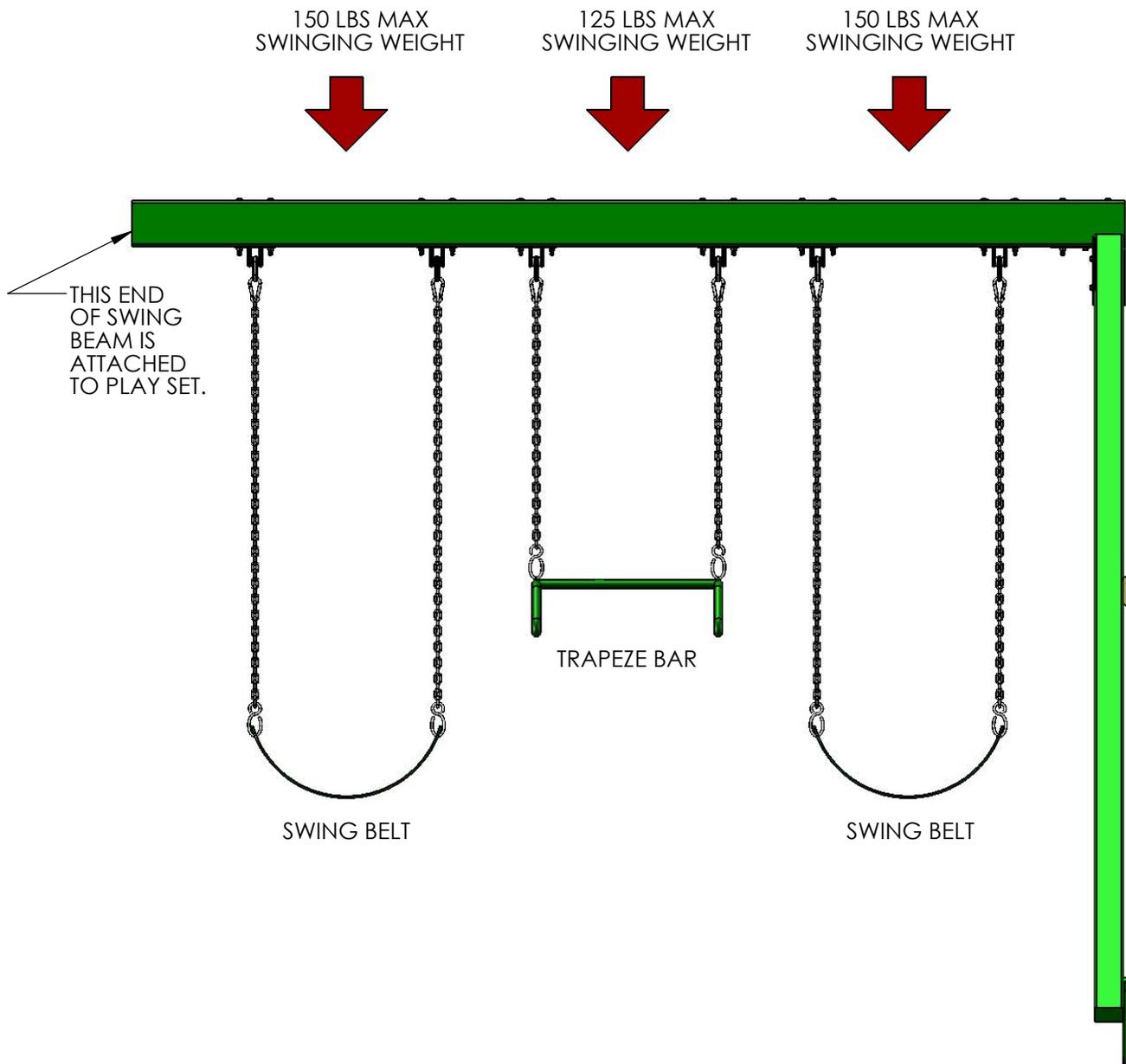
The weight limit for a Swing Belt is 225 lbs. (Although 150lbs is the maximum recommended swinging weight capacity for the swing position.)

The weight limit for a Trapeze Bar is 125 lbs.

Maximum Allowable swinging weight for a three position swing:

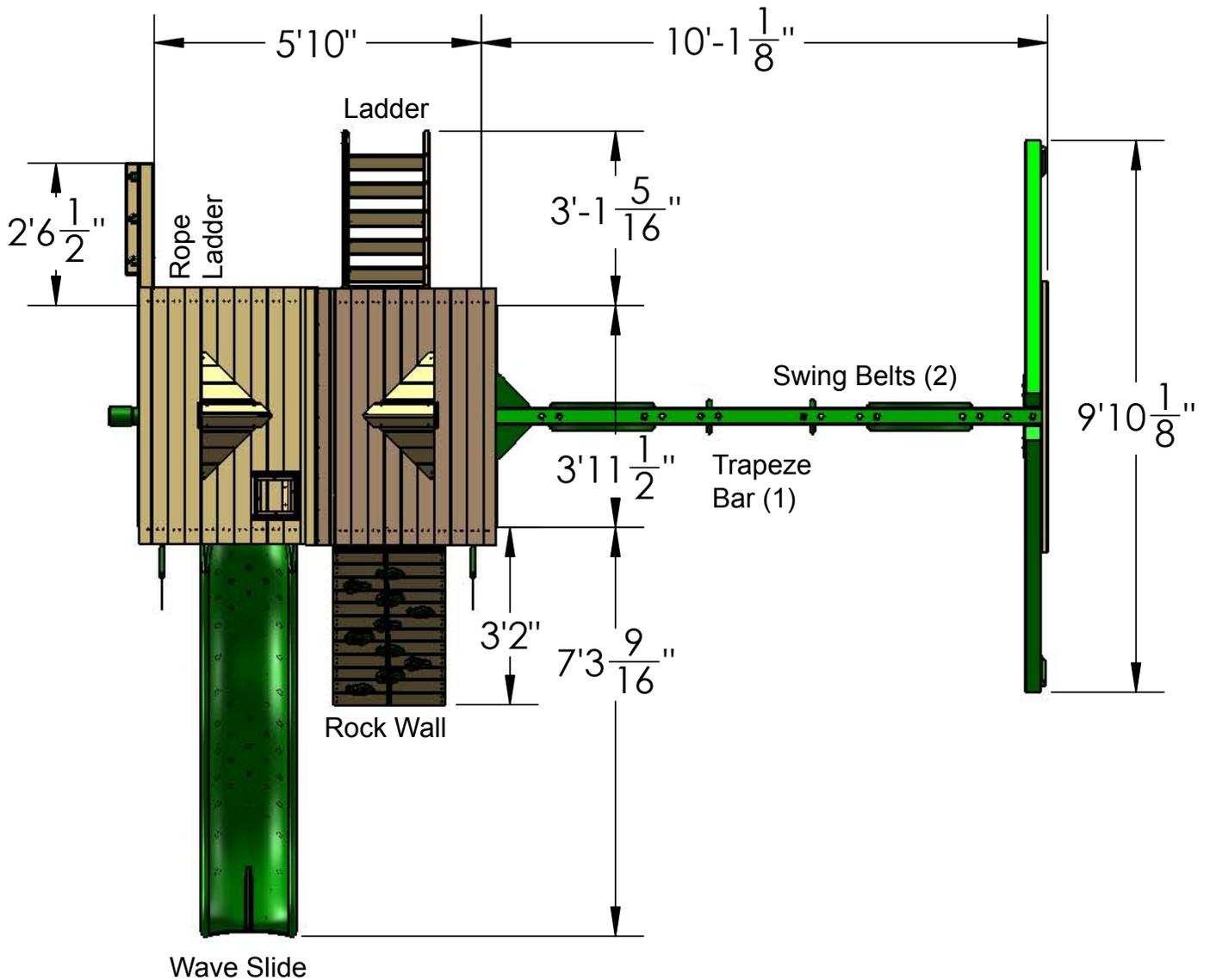
- 1) The maximum allowable swinging weight at each Swing Belt position is 150 lbs.
- 2) The maximum allowable swinging weight at the Trapeze position is 125 lbs.
- 3) The MAXIMUM SWING BEAM LOAD IS 425 lbs.

MAXIMUM SWING BEAM LOAD IS 425 LBS.



Please familiarize yourself with the manual, parts/components and general construction process of your new playset before getting started.

SITE PLAN:



Playset height: 12 feet - 6 inches

Deck Height: 5 feet

Swing Beam Height: 7 feet - 7-1/2 inches

Approximate assembly time: 8-10 hours

(6) foot unobstructed safety perimeter around playset recommended

REQUIRED TOOL LIST:

- ___ Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
- ___ Drill Bits 1/8", 3/8", 9/64", 11/64" and a 7/8" Paddle style bit.
- ___ 1/2" Wrench and Socket
- ___ 1/2" Deep Well Socket
- ___ 9/16" Deep Well Socket
- ___ 9/16" Wrench and Socket
- ___ Level
- ___ Tape Measure
- ___ Extension Cord (if using standard drill)
- ___ Hammer
- ___ Pencil
- ___ Locking Pliers (Vise Grips)
- ___ Shovel

KIT CONTENTS

Swings, Slides, Accessories:

- ___ (Qty) Description
- ___ (2) Swingbelts w/ Chains
- ___ (1) Wave Slide
- ___ (1) Tic Tac Toe Panel
- ___ (10) Rock Wall Grips (assorted colors)
- ___ (1) Trapeze Swing
- ___ (1) Telescope
- ___ (1) Steering Wheel
- ___ (2) Safety Handles
- ___ (1) Flag Kit (pair)
- ___ (1) 10ft Rope
- ___ (3) 13ft Rope

Fort Hardware:

see following pages

Swing Beam Hardware:

see following pages

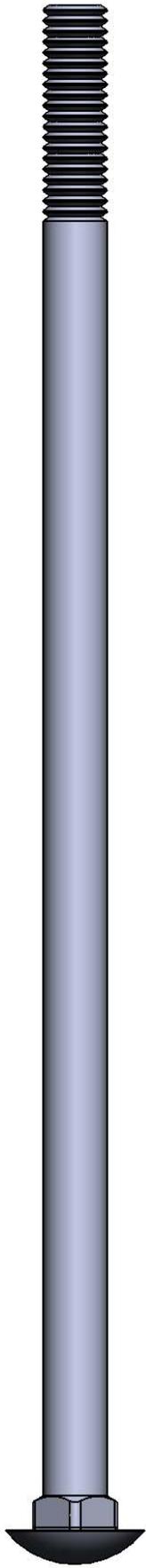
Wood Components:

see following pages

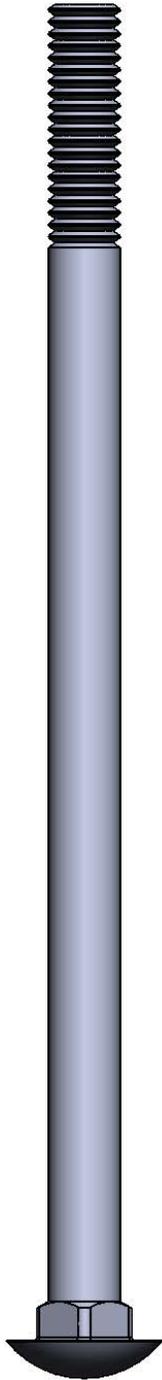
11-0072
 801N HARDWARE
 SHEET 1 OF 2
 9/19/2014 JH

5/16" X 3-1/2"
 HEX LAG
 SCREW
 QTY: 24

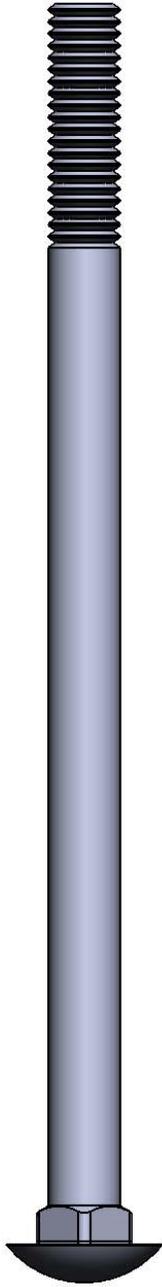
3/8 X 3-1/2"
 HEX LAG
 SCREW
 QTY: 26



3/8 x 9"
 CARRIAGE BOLT
 QTY: 1



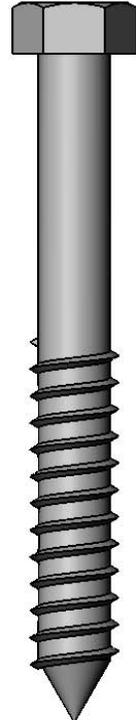
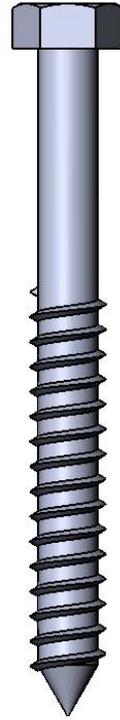
3/8 x 7"
 CARRIAGE BOLT
 QTY: 14



3/8 x 6-1/2"
 CARRIAGE BOLT
 QTY: 4



3/8 x 3-1/2"
 CARRIAGE BOLT
 QTY: 2



#2 SQUARE
 DRIVE BIT
 QTY: 1



PLASTIC
 BOLT CAP
 QTY: 21

9
 8
 7
 6
 5
 4
 3
 2
 1

USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

11-0072
 801N HARDWARE
 SHEET 2 OF 2
 9/19/2014 JH



#14 X 1-1/4"
 PAN HEAD SCREW
 QTY: 16



#14 x 1"
 PAN HEAD SCREW
 QTY: 4

#8 X 1"
 WOOD SCREW
 QTY: 8



#8 X 1-1/4"
 WOOD SCREW
 QTY: 24



#8 X 1-1/2"
 WOOD SCREW
 QTY: 394



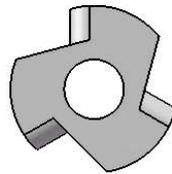
#8 X 2"
 WOOD SCREW
 QTY: 200



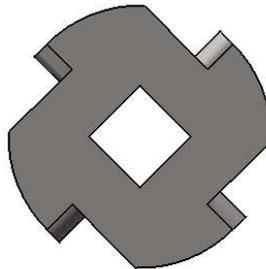
#8 X 2-1/2"
 WOOD SCREW
 QTY: 75



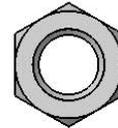
#8 X 3"
 WOOD SCREW
 QTY: 12



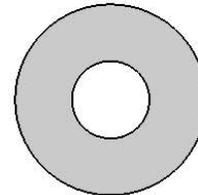
5/16" TEE NUT
 QTY: 36



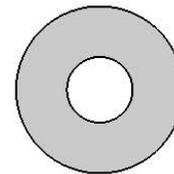
TORQUE WASHER
 QTY: 19



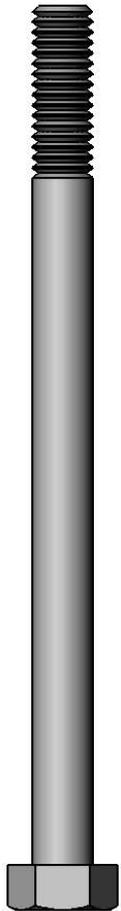
3/8" LOCK NUT
 QTY: 21



3/8" WASHER
 QTY: 47



5/16" WASHER
 QTY: 60



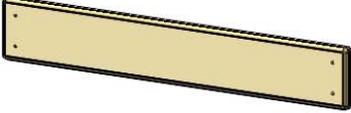
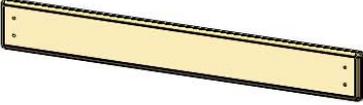
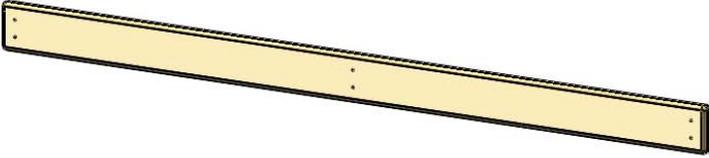
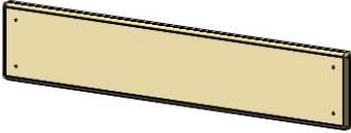
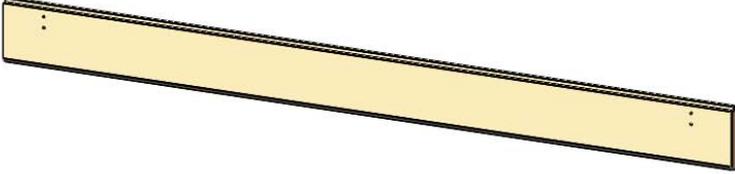
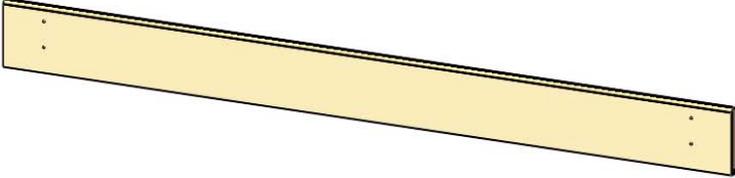
5/16 X 4-1/2"
 HEX BOLT
 QTY: 28

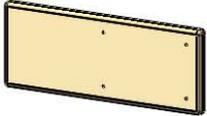
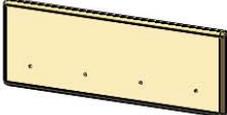
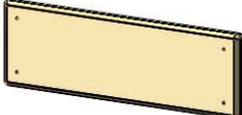
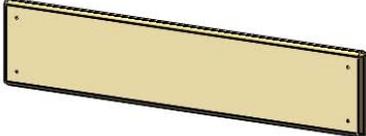
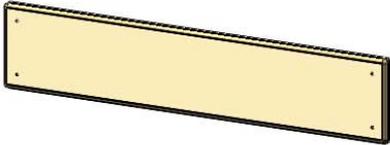
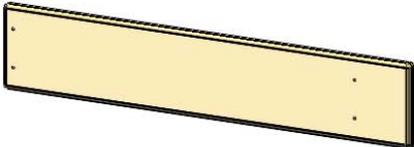
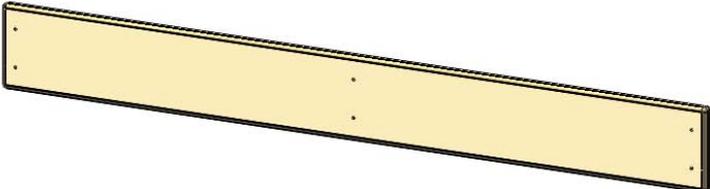


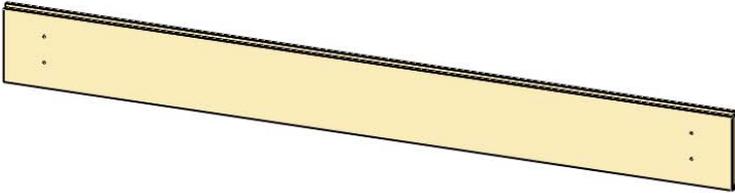
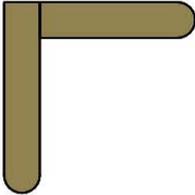
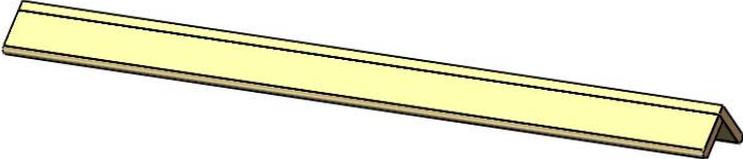
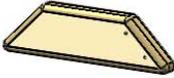
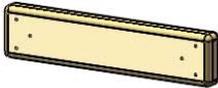
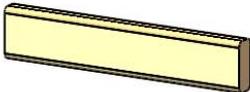
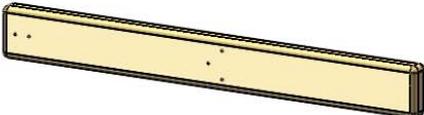
5/16 X 1-1/2"
 HEX BOLT
 QTY: 8

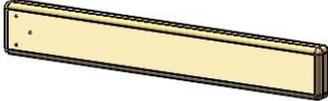
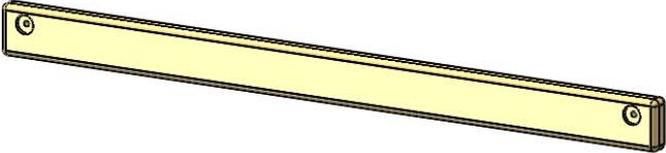
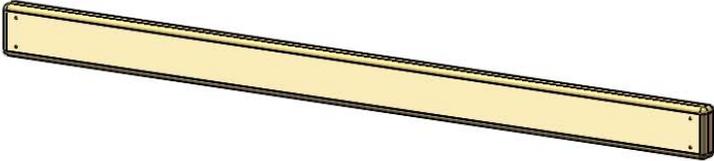
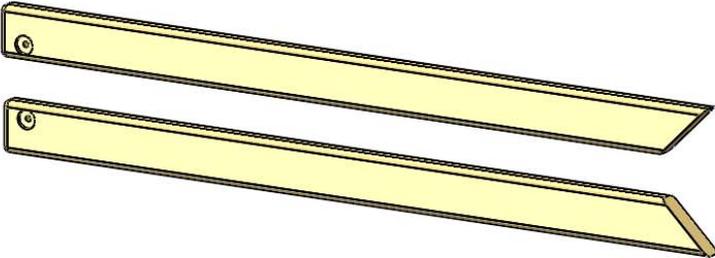
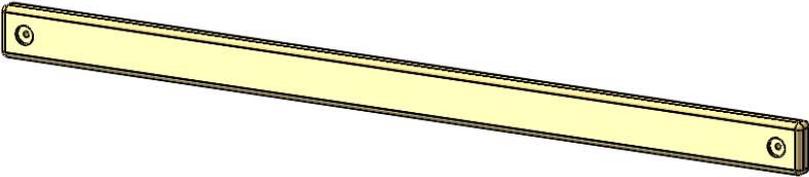
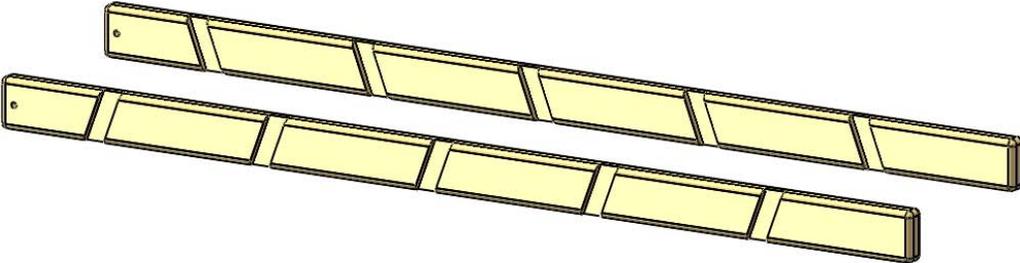
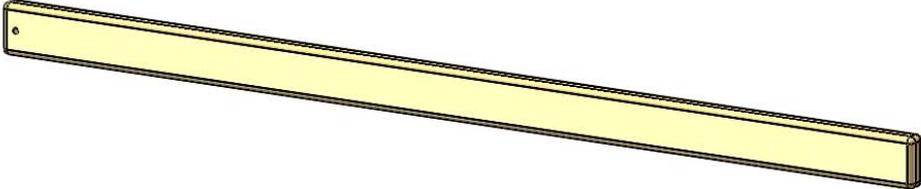


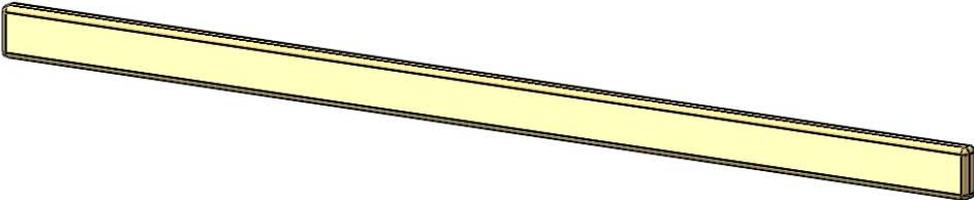
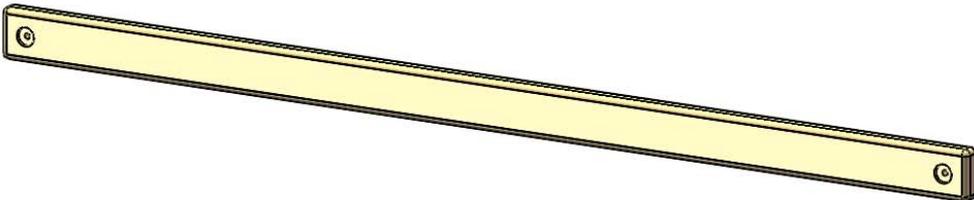
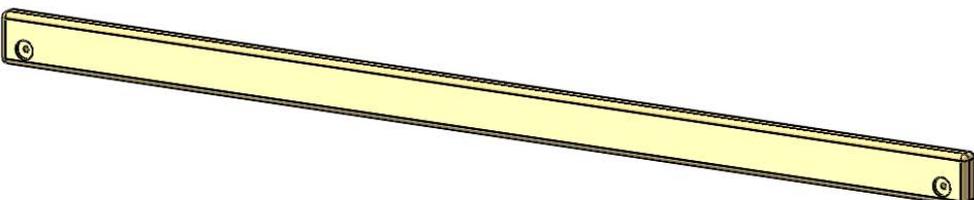
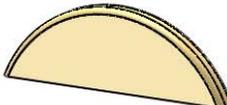
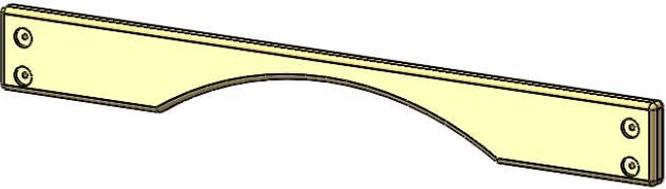
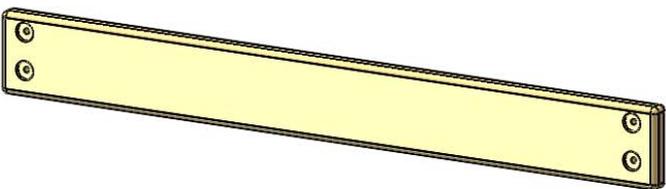
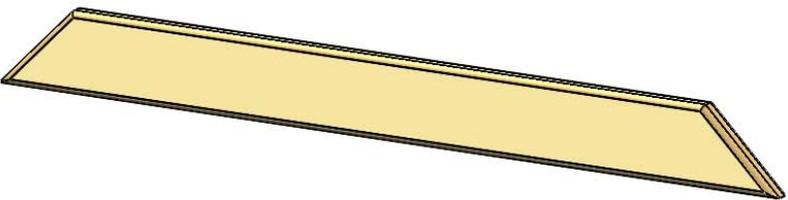
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

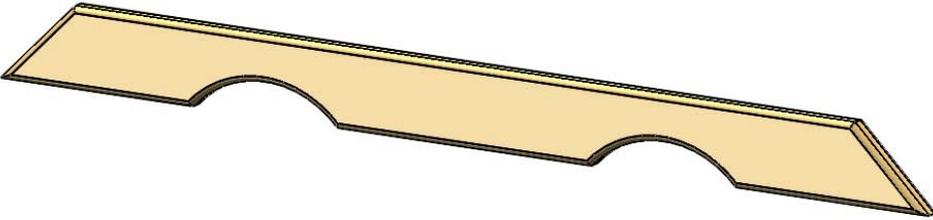
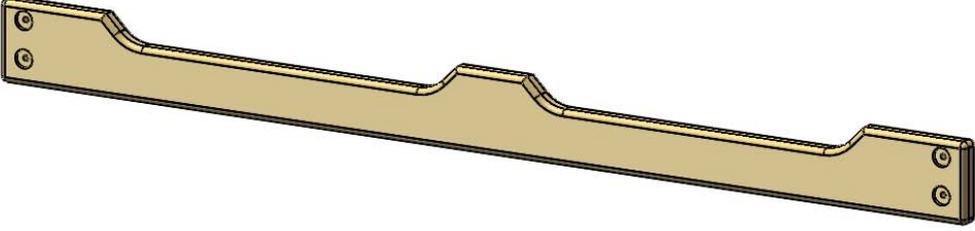
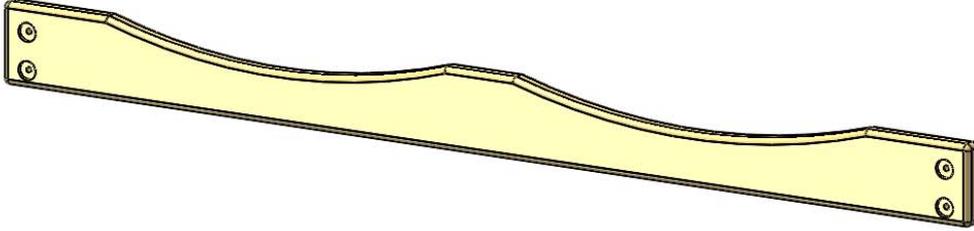
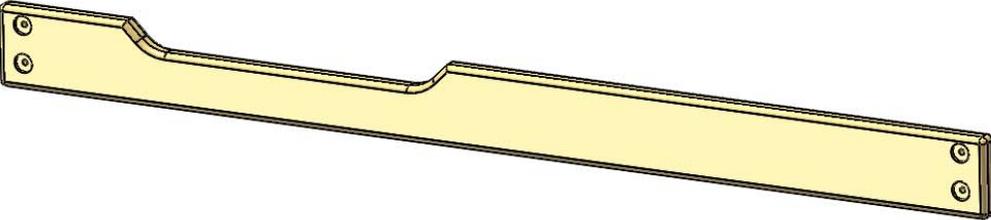
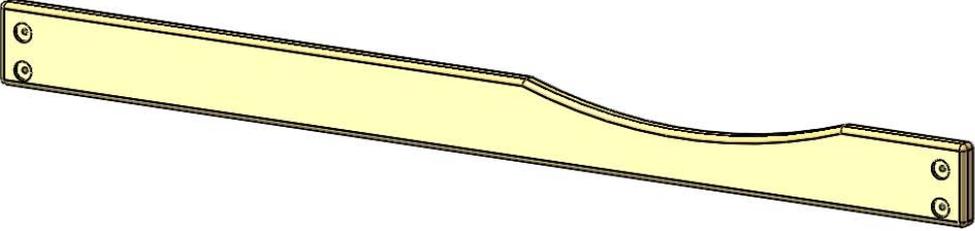
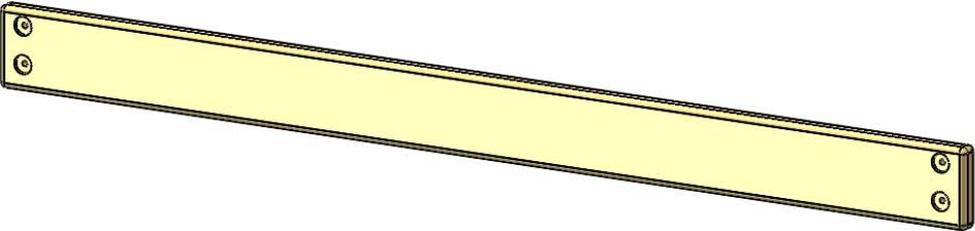
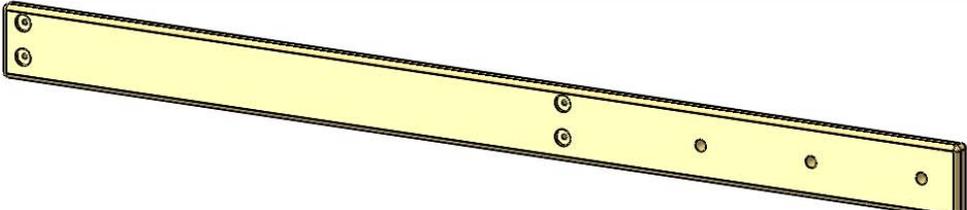
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	1 X 4 X 25" PANEL SLAT 1-4-2500-PS	2	
	1 X 4 X 26" FRONT PANEL SLAT 1-4-2600-FPS	2	
	1 X 4 X 51" REAR PANEL SLAT 1-4-5100-RPS	2	
	1 X 5 X 25" PANEL SLAT 1-5-2500-PS	1	
		1 X 5 X 55" ROOF FINISHER 1-5-5500-RF	2
		1 X 5 X 55" ROOF STARTER 1-5-5500-RS	2
	1 X 6 X 4-1/2" BOTTOM WINDOW SUPPORT 1-6-0450-BWS	6	

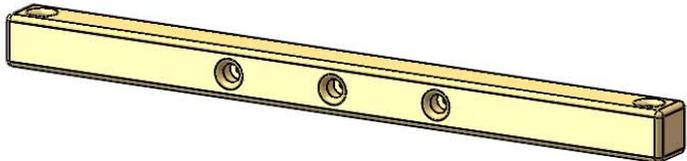
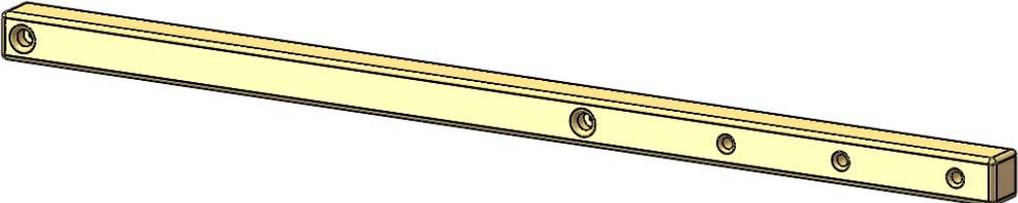
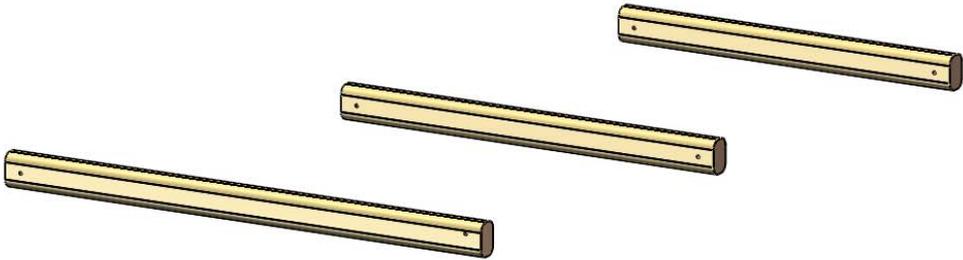
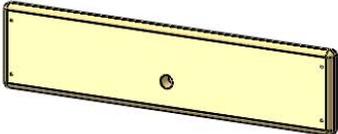
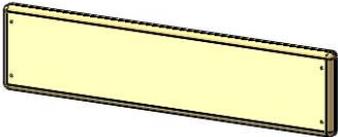
PICTURE	DESCRIPTION	QTY.
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	1 X 6 X 16" TIC TAC TOE SUPPORT 1-6-1600-TTTS	2
	1 X 6 X 17" PANEL SLAT 1-6-1700-PS	20
	1 X 6 X 26" FRONT PANEL SLAT 1-6-2600-FPS	8
	1 X 6 X 27-3/4" PANEL SLAT 1-6-2775-PS	11
	1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT 1-6-2950-BWS	2
	1 X 6 X 51" REAR PANEL SLAT 1-6-5100-RPS	4

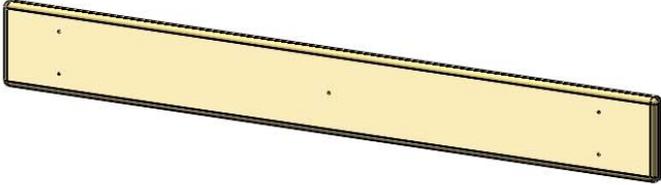
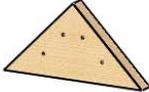
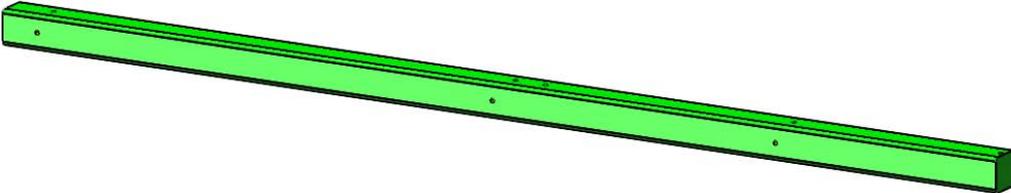
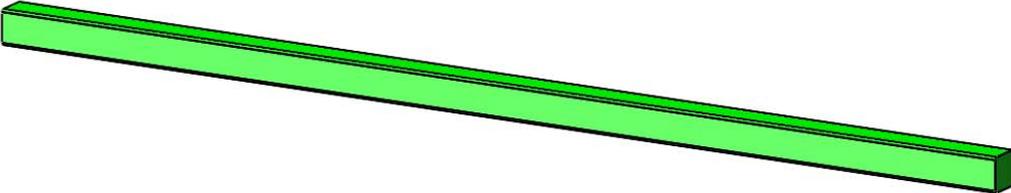
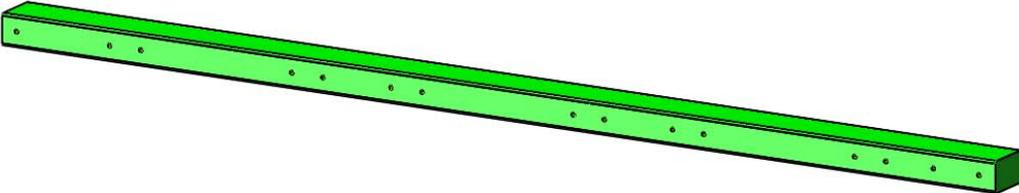
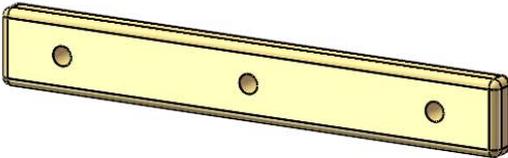
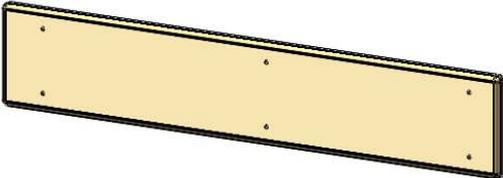
PICTURE	DESCRIPTION	QTY.
		<p>1 X 6 X 55" ROOF BOARD</p> <p>1-6-5500-RB</p> <p style="text-align: right;">18</p>
		<p>55" ROOF PEAK</p> <p>1-6-5500-RP</p> <p style="text-align: right;">1</p>
	<p>2 X 4 X 13" ANGLE SUPPORT</p> <p>2-4-1300-AS</p> <p style="text-align: right;">4</p>	
	<p>2 X 4 X 15" PICNIC TABLE SUPPORT</p> <p>2-4-1500-PTS</p> <p style="text-align: right;">2</p>	
	<p>2 X 4 X 17" LADDER STEP</p> <p>2-4-1700-LS</p> <p style="text-align: right;">5</p>	
	<p>2 X 4 X 18" ANGLE SUPPORT</p> <p>2-4-1800-AS</p> <p style="text-align: right;">4</p>	
	<p>2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORT</p> <p>2-4-3000-PTVS</p> <p style="text-align: right;">2</p>	

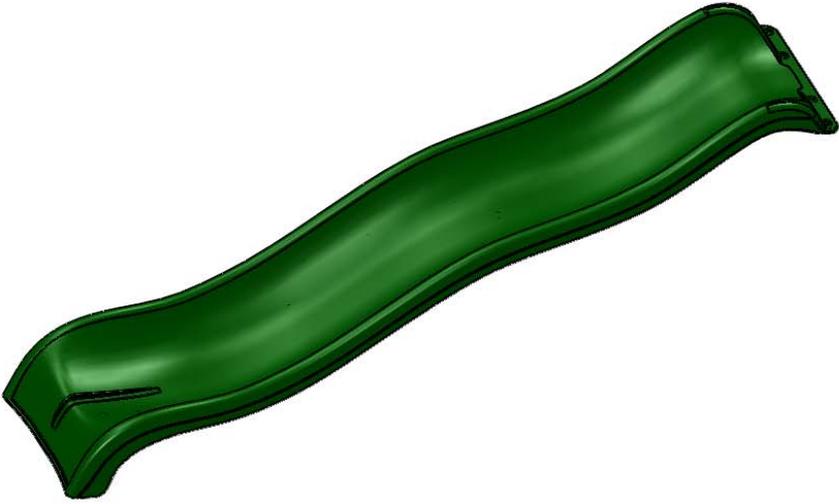
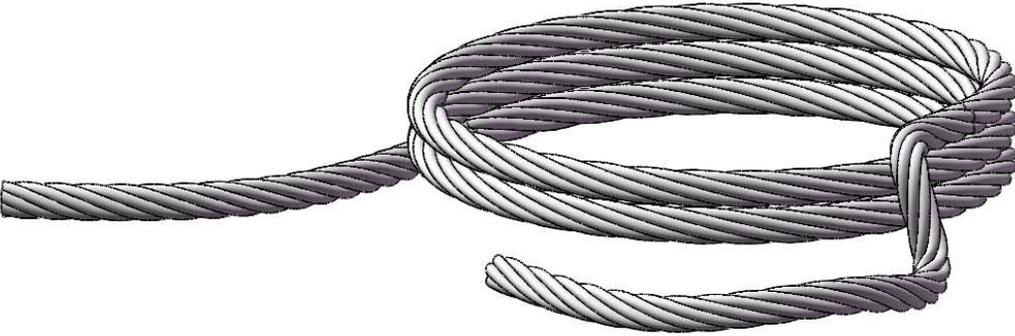
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 23" BENCH SUPPORT 2-4-2300-BS	1
	2 X 4 X 47-1/2" SAFETY/END PANEL BOARD 2-4-4750-SBEP	4
	2 X 4 X 51" PICNIC TABLE SEATS AND TOP 2-4-5100-PTST	5
	2 X 4 X 51-1/8" ROOF SUPPORT LEFT AND RIGHT 2-4-5113-RSL 2-4-5113-RSR	2 LEFT 2 RIGHT
	2 X 4 X 58" SWING BEAM CROSS MEMBER 2-4-5800-CM	1
	2 X 4 X 66" LADDER LEFT AND RIGHT SIDES 2-4-6600-LLS 2-4-6600-LRS	1 LEFT 1 RIGHT
	2 X 4 X 66" ROCK WALL SIDE 2-4-6600-RWS	2

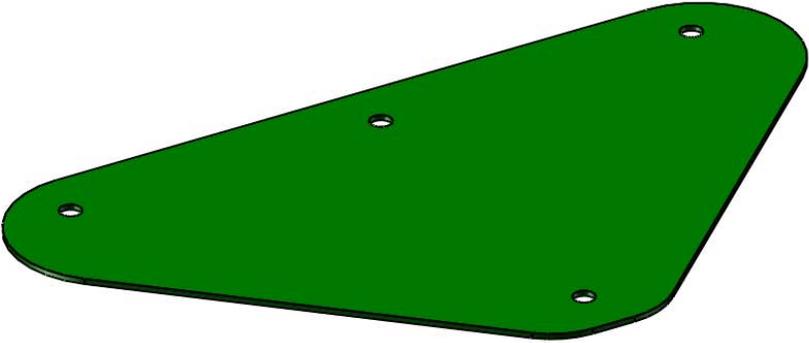
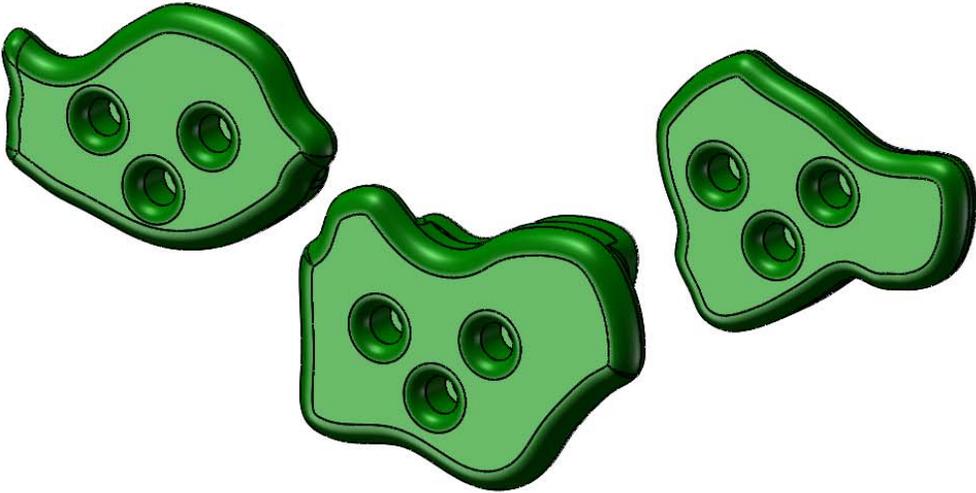
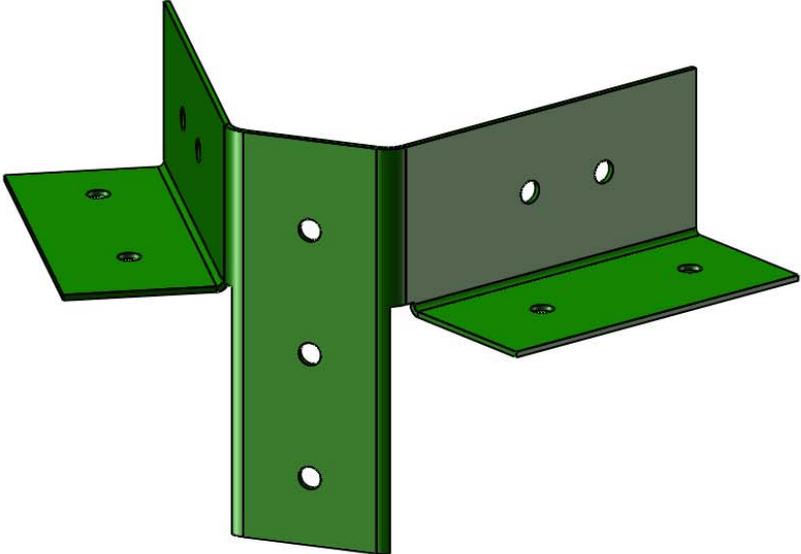
PICTURE	DESCRIPTION	QTY.
	<p>2 X 4 X 70" CENTER DECK SUPPORT</p> <p>2-4-7000-CDS</p>	<p>1</p>
	<p>2 X 4 X 70" DECK SUPPORT</p> <p>2-4-7000-DS</p>	<p>2</p>
	<p>2 X 4 X 70" PANEL SUPPORT</p> <p>2-4-7000-PS</p>	<p>1</p>
	<p>2 X 6 X 13-5/8" SUN</p> <p>2-6-1363-S</p>	<p>2</p>
	<p>2 X 6 X 47-1/2" ARCHED SIDE TOP BOARD</p> <p>2-6-4750-ASTB</p>	<p>2</p>
	<p>2 X 6 X 47-1/2" END SANDBOX / PANEL BOARD</p> <p>2-6-4750-ESPB</p>	<p>3</p>
	<p>2 X 6 X 56-1/2" SUNBURST BOARD</p> <p>2-6-5650-SB</p>	<p>2</p>

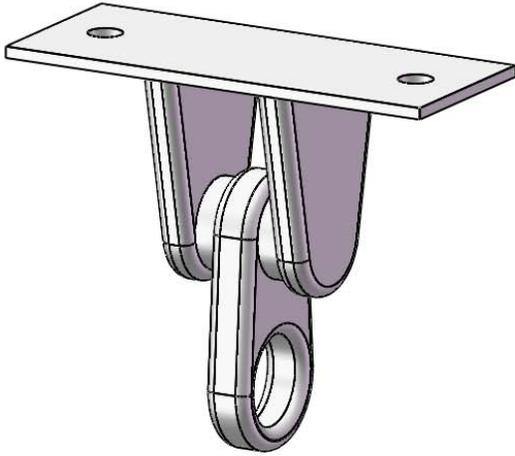
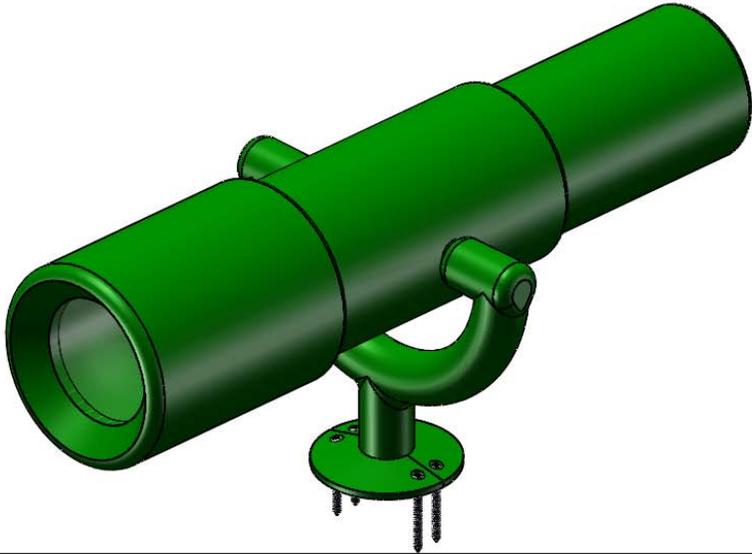
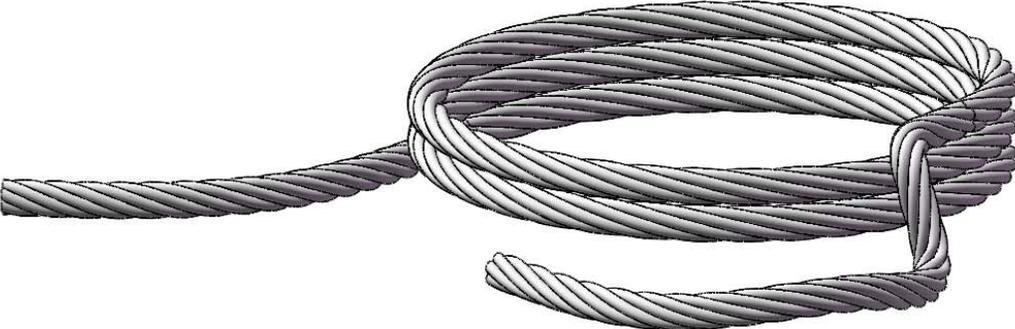
PICTURE	DESCRIPTION	QTY.
	<p>2 X 6 X 67-1/4" SUNBURST BOARD</p> <p>2-6-6725-SB</p>	<p>2</p>
	<p>2 X 6 X 70" FRONT FACE BOARD</p> <p>2-6-7000-FFB</p>	<p>1</p>
	<p>2 X 6 X 70" FRONT TOP PANEL BOARD</p> <p>2-6-7000-FTPB</p>	<p>1</p>
	<p>2 X 6 X 70" REAR FACE BOARD</p> <p>2-6-7000-RFB</p>	<p>1</p>
	<p>2 X 6 X 70" REAR TOP PANEL BOARD</p> <p>2-6-7000-RPTB</p>	<p>1</p>
	<p>2 X 6 X 70" SANDBOX BOARD</p> <p>2-6-7000-SB</p>	<p>2</p>
	<p>2 X 6 X 78" ROPE LADDER RUNNER</p> <p>2-6-7800-RLR</p>	<p>1</p>

PICTURE	DESCRIPTION	QTY.
	<p>4 X 4 X 47-1/2" SWING BEAM MOUNT</p> <p>4-4-4750-SBM</p>	<p>1</p>
	<p>4 X 4 X 78" ROPE LADDER SUPPORT</p> <p>4-4-7800-RLS</p>	<p>1</p>
	<p>5/4 X 2 X 16" SMALL RAY 125-2-1600-SR</p> <p>5/4 X 2 X 18" SMALL RAY 125-2-1800-SR</p> <p>5/4 X 2 X 23" LARGE RAY 125-2-2300-LR</p>	<p>4</p> <p>4</p> <p>2</p>
	<p>5/4 X 3 X 18-3/4" LADDER BACK 125-3-1875-LB</p> <p>5/4 X 3 X 23-7/8" ROCK WALL CAP 125-3-2387-RWC</p>	<p>1</p> <p>1</p>
	<p>5/4 X 4 X 40-1/4" DECK SPACER</p> <p>125-4-4025-DS</p>	<p>2</p>
	<p>5/4 X 6 X 23-7/8" BOTTOM ROCK WALL BOARD</p> <p>125-6-2387-BRW</p>	<p>1</p>
	<p>5/4 X 6 X 23-7/8" ROCK WALL BOARD</p> <p>125-6-2387-RWB</p>	<p>11</p>

PICTURE	DESCRIPTION	QTY.
	<p>5/4 X 6 X 47-3/8" DECK BOARD</p> <p>125-6-4737-DB</p>	<p>11</p>
	<p>5/4 X 6 X 10" ROOF PEAK SUPPORT</p> <p>125-6-1000-RPS</p>	<p>2</p>
	<p>4 X 4 X 108" PLASTIC COATED CORNER POST</p>	<p>4</p>
	<p>4 X 4 X 108" PLASTIC COATED SWING LEG</p>	<p>2</p>
	<p>4 X 6 X 120" PLASTIC COATED SWING BEAM</p>	<p>1</p>
	<p>2 X 4 X 24" ROPE LADDER STEP</p> <p>2-4-2400-RLST</p>	<p>6</p>
	<p>1 X 6 X 30" PANEL SLAT</p> <p>1-6-3000-PS</p>	<p>2</p>

PICTURE	DESCRIPTION	QTY.
	<p>WAVE SLIDE 03-0013</p>	<p>1</p>
	<p>13' ROPE</p>	<p>3</p>
<div style="display: flex; justify-content: space-around;"> <div data-bbox="94 1560 578 2032">  </div> <div data-bbox="613 1581 1091 2016">  </div> </div>	<p>SWING W/CHAINS 04-0002</p> <p>TRAPEZE BAR W/CHAINS 04-0006</p>	<p>2</p> <p>1</p>

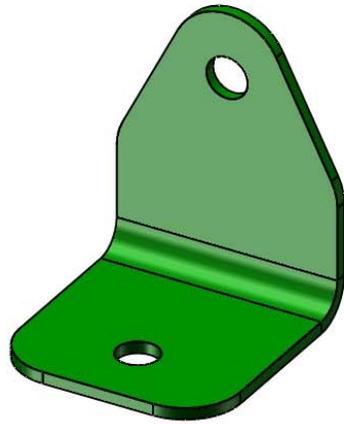
PICTURE	DESCRIPTION	QTY.
	<p>SWING PLATE 11-5002</p>	<p>1</p>
	<p>CLIMBING ROCKS (07-0008 IS A PACK OF 5 ROCKS)</p>	<p>10 ROCKS</p>
	<p>A-FRAME SWING LEG BRACKET 11-5010</p>	<p>1</p>
<p>NOT SHOWN</p>	<p>801N HARDWARE BOX 11-0072</p>	<p>1</p>

PICTURE	DESCRIPTION	QTY.
 <p>A technical drawing of an iron ductile swing hanger. It consists of a flat rectangular plate with two circular holes, from which two curved arms extend downwards. These arms meet at a central point and are connected to a vertical ring with a circular opening at the bottom.</p>	<p>IRON DUCTILE SWING HANGERS 11-4012</p>	<p>6</p>
 <p>A 3D rendering of a green telescope. It has a long cylindrical body with a lens at the front and a viewing eyepiece at the back. A curved handle is attached to the side, and the telescope is mounted on a circular base with four screws and a central mounting post.</p>	<p>TELESCOPE 07-0001</p>	<p>1</p>
 <p>A 3D rendering of a thick, grey, braided rope. The rope is coiled into a large loop with a knot at the end, and a shorter section of rope is shown below it.</p>	<p>10' ROPE (ROCK WALL)</p>	<p>1</p>

PICTURE

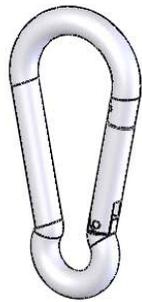
DESCRIPTION

QTY.



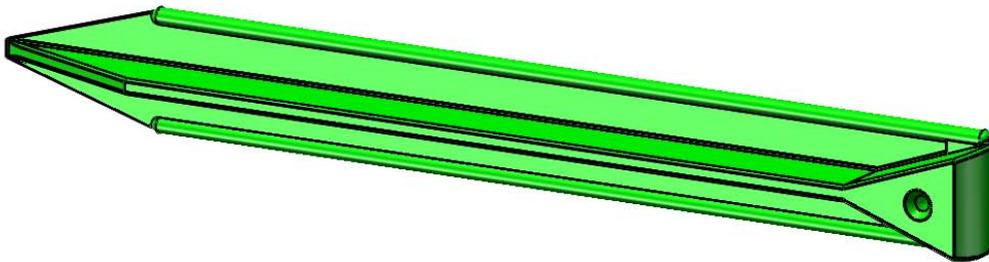
90° GREEN
BRACKET
11-5013

4



SPRING
CLIP
11-4003

6



GROUND
STAKES
(PAIR)
07-0016

1 pr



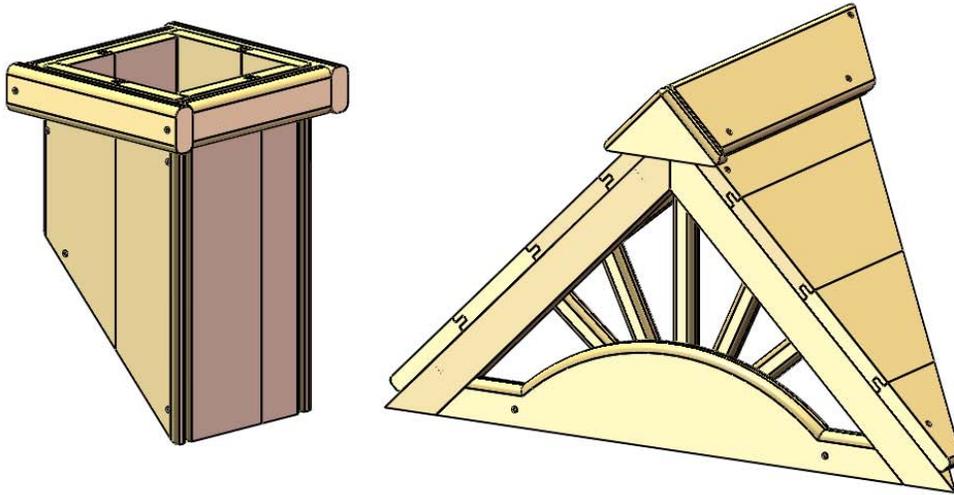
SAFETY
HANDLES
(PAIR)
07-0005

1 pr

PICTURE

DESCRIPTION

QTY.

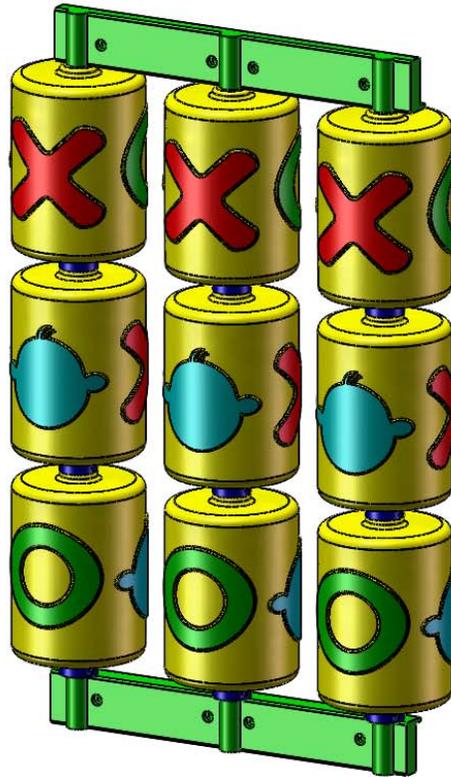


UNASSEMBLED
CHIMNEY
1513 BOX

1

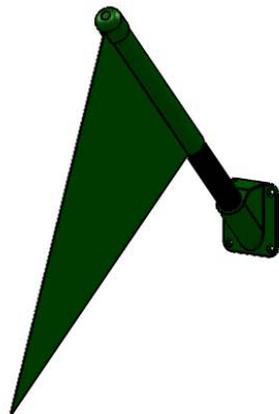
UNASSEMBLED
DORMER
1513 BOX

2



BOXED
TIC-TAC-TOE
SPINNER
PANEL
07-0010

1



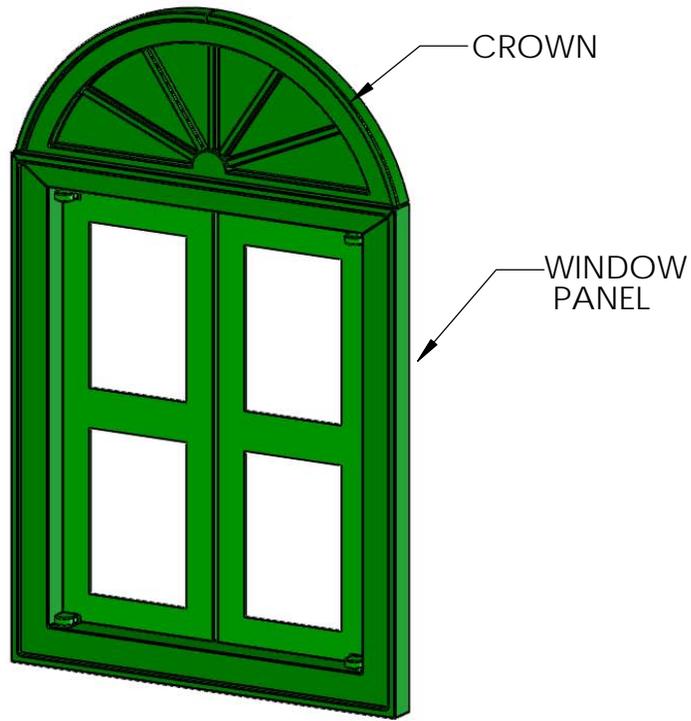
FLAG KIT
09-1014

2

PICTURE

DESCRIPTION

QTY.

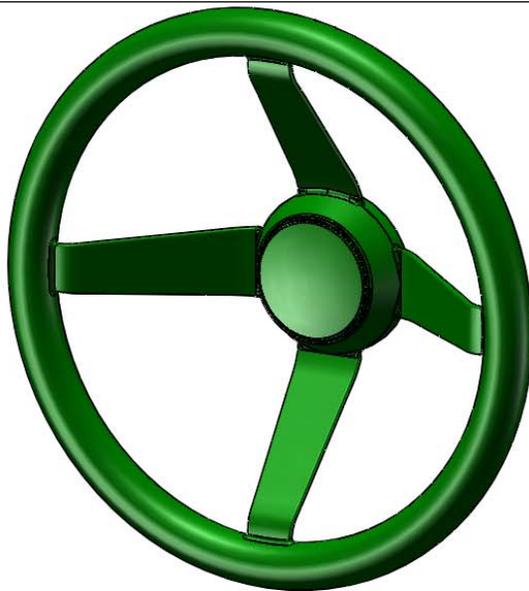


CROWN
07-0019

5

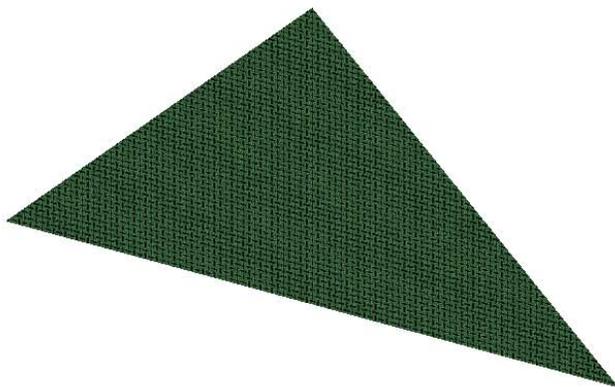
WINDOW
PANEL
07-0013

4



STEERING
WHEEL
07-0004

1



SUNBURST
SCREEN
06-2001

2

STEP 1: ATTACHING THE T-NUTS TO THE CORNER POSTS

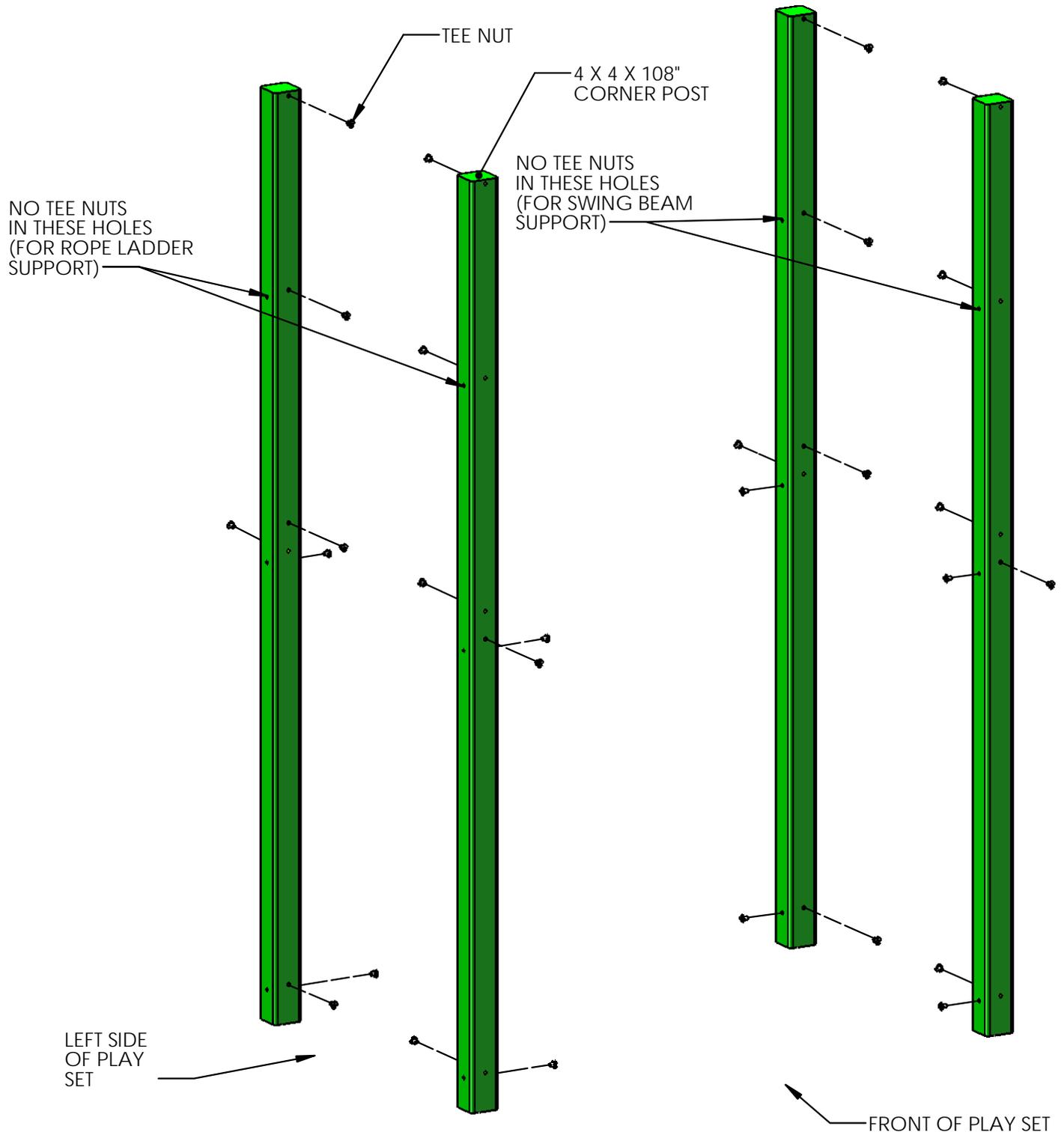
1: THIS STEP IS CRITICAL TO BUILDING THE PLAY SET PROPERLY. IF ANY MISTAKES ARE MADE HERE, YOU WILL NEED TO DISASSEMBLE THEN REASSEMBLE TO MAKE YOUR CORRECTIONS. MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.

2: LAY OUT EACH OF THE 4 X 4 X 108" CORNER POSTS IN THE AREA YOU INTEND ON BUILDING THE PLAYSET.

3: USE THE DIAGRAM BELOW TO CORRECTLY IDENTIFY AND ORIENT THE NECESSARY DIRECTION THE POSTS SHOULD FACE.

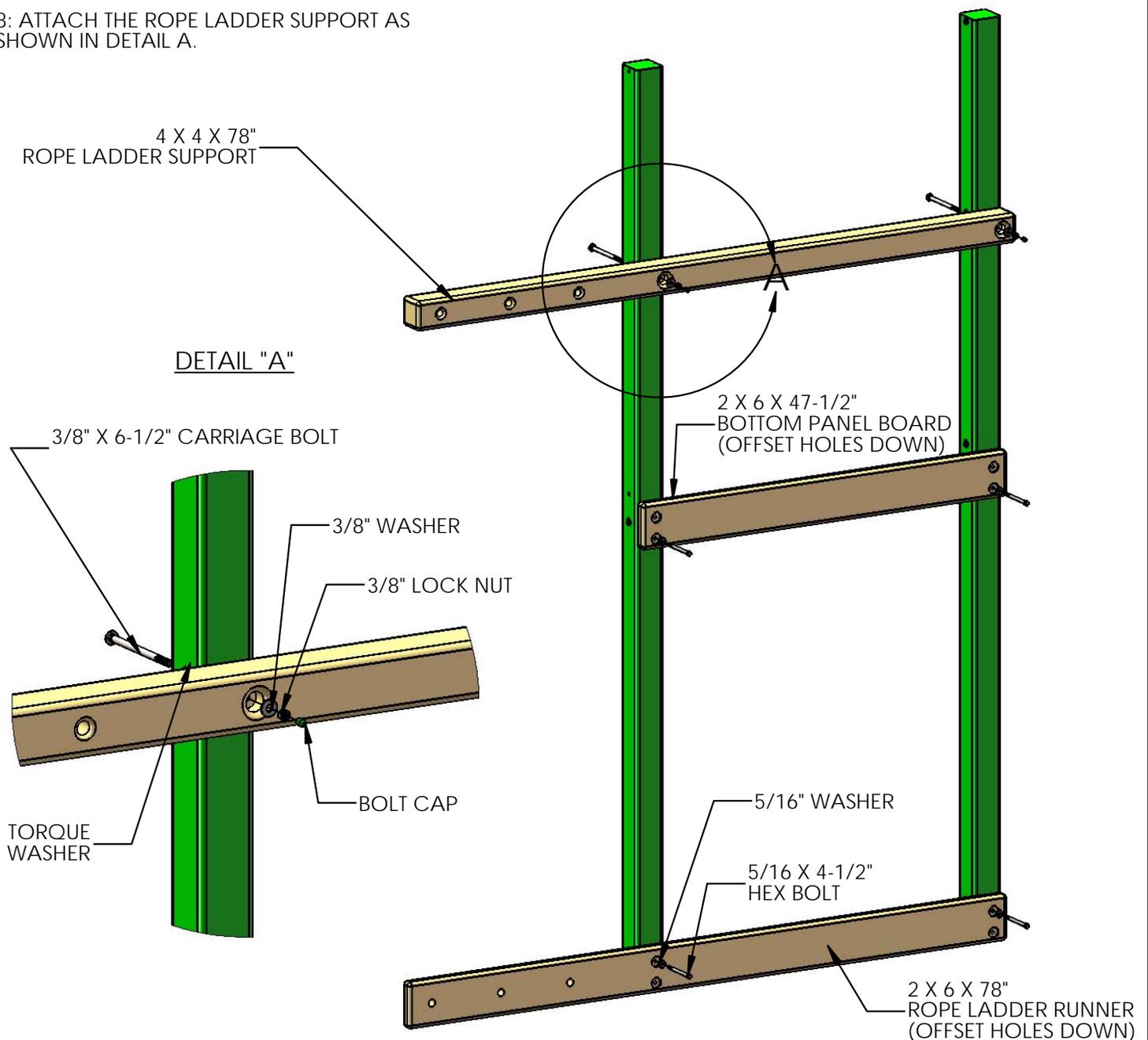
4: USE A HAMMER TO SEAT THE T-NUTS AFTER INSERTING THEM INTO THE HOLES SHOWN IN THE DIAGRAM BELOW.

5: THE BARREL OF THE T-NUT SHOULD GO INTO THE HOLE FIRST. HAMMER THE T-NUT UNTIL IT IS FLUSH/ALMOST FLUSH TO THE CORNER POSTS.



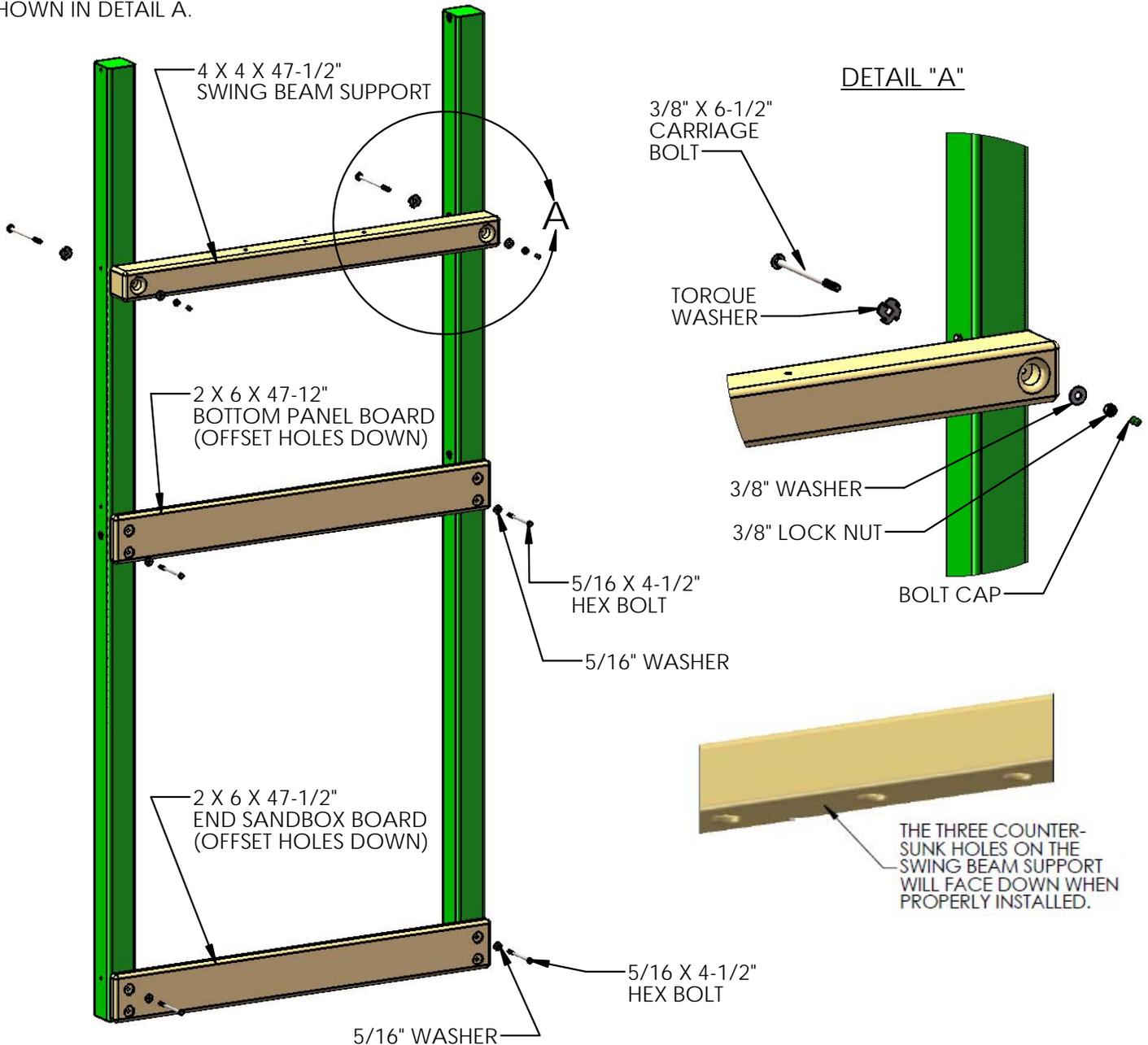
STEP 2: ASSEMBLING THE LEFT SIDE FRAME

- 1: LAY THE LEFT SIDE CORNER POSTS ON THE GROUND IN THEIR PROPER ORIENTATION.
- 2: LAY THE 2 X 6 X 78" ROPE LADDER RUNNER ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD ARE OFFSET DOWN.
- 3: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 4: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD ARE OFFSET DOWN.
- 5: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.
- 6: LAY THE 4 X 4 X 78" ROPE LADDER SUPPORT ON TOP OF THE LEFT SIDE CORNER POSTS.
- 7: FIND TWO TORQUE WASHERS. PLACE A 3/8" X 6-1/2" CARRIAGE BOLT INSIDE THE TORQUE WASHER, MAKING SURE THAT THE TEETH ARE FACING IN THE SAME DIRECTION AS THE THREADS OF THE CARRIAGE BOLT. PLACE THE TORQUE WASHER/CARRIAGE BOLT ASSEMBLY INTO THE HOLES OF THE CORNER POST SO THAT THE HEAD OF THE CARRIAGE BOLT FACES WHAT WILL BE THE INSIDE OF THE FORT. USE A HAMMER TO SET THE TORQUE WASHER INTO THE CORNER POST.
- 8: ATTACH THE ROPE LADDER SUPPORT AS SHOWN IN DETAIL A.



STEP 3: ASSEMBLING THE RIGHT SIDE FRAME

- 1: LAY THE LEFT SIDE CORNER POSTS ON THE GROUND IN THEIR PROPER ORIENTATION.
- 2: LAY THE 2 X 6 X 47-1/2" END SANDBOX BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD MUST BE OFFSET DOWN.
- 3: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 4: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET DOWN.
- 5: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.
- 6: LAY THE 4 X 4 X 47-1/2" SWING BEAM SUPPORT ON TOP OF THE LEFT SIDE CORNER POSTS. THE THREE COUNTERSUNK HOLES IN THE MIDDLE OF THE SWING BEAM SUPPORT MUST FACE DOWNWARD.
- 7: FIND TWO TORQUE WASHERS, PLACE A 3/8" X 6-1/2" CARRIAGE BOLT INSIDE THE TORQUE WASHER, MAKING SURE THAT THE TEETH ARE FACING IN THE SAME DIRECTION AS THE THREADS OF THE CARRIAGE BOLT. PLACE THE TORQUE WASHER/ CARRIAGE BOLT ASSEMBLY INTO THE HOLES OF THE CORNER POST SO THAT THE HEAD OF THE CARRIAGE BOLT FACES WHAT WILL BE THE INSIDE OF THE FORT. USE A HAMMER TO SET THE TORQUE WASHER INTO THE CORNER POST.
- 8: ATTACH THE SWING BEAM SUPPORT AS SHOWN IN DETAIL A.

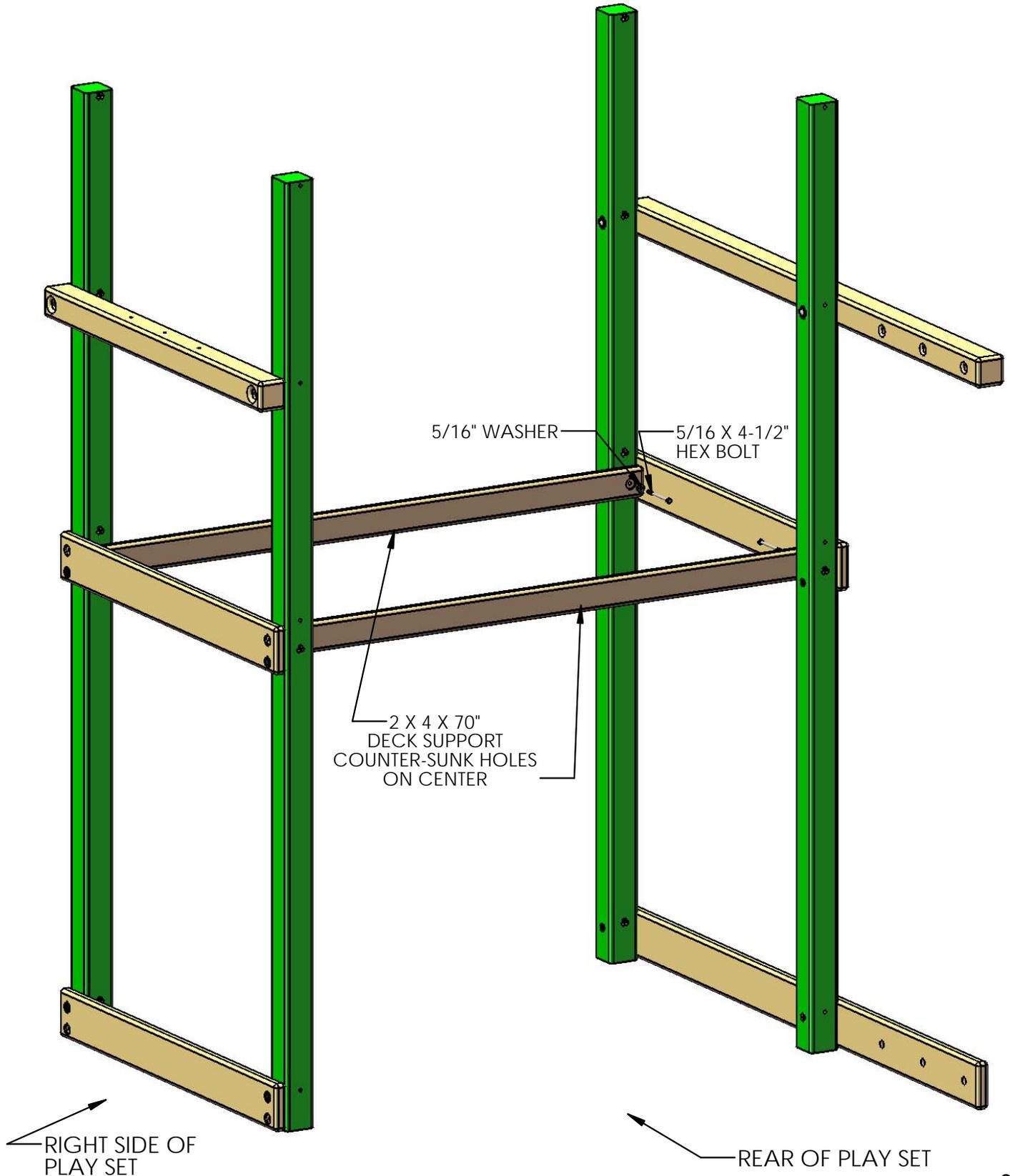


STEP 4: DECK SUPPORTS

YOU WILL NEED AN EXTRA PERSON FOR THIS STEP.

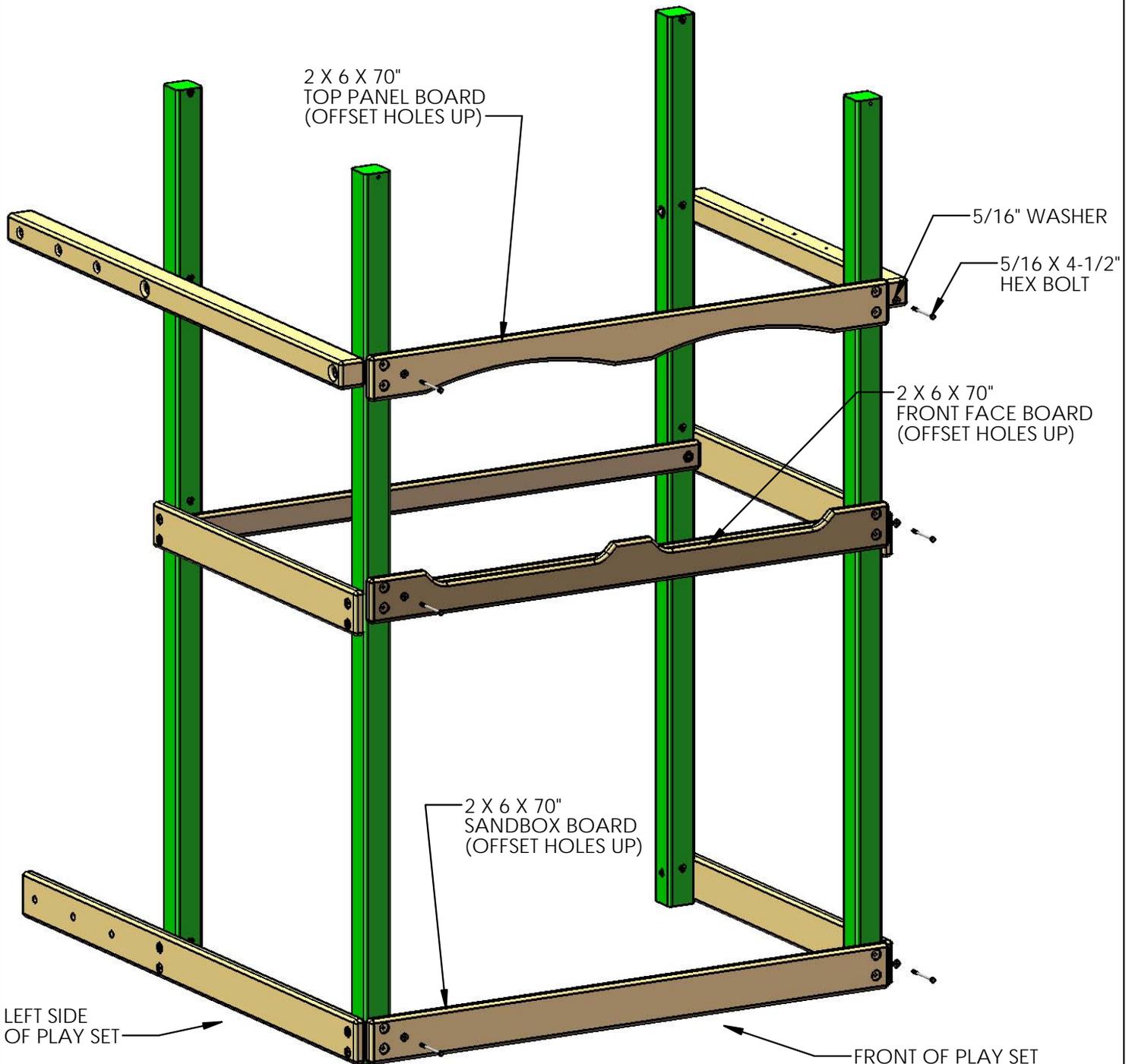
1: WITH HELP, STAND UP THE LEFT AND RIGHT SIDE ASSEMBLIES.

2: FASTEN THE 2 X 4 X 70" DECK SUPPORTS TO THE HOLES AT 54-3/4" WITH 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS FROM THE INSIDE OF THE PLAY SET.



STEP 5: FRONT FRAME ASSEMBLY

- 1: PLACE THE 2 X 6 X 70" SANDBOX BOARD ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD SHOULD BE OFFSET UP.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: PLACE THE 2 X 6 X 70" FRONT FACE BOARD WITH NOTCHES ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE FRONT FACE BOARD SHOULD BE OFFSET UP.
- 4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE FRONT FACE BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 5: PLACE THE 2 X 6 X 70" TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE TOP PANEL BOARD SHOULD BE OFFSET UP.
- 6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

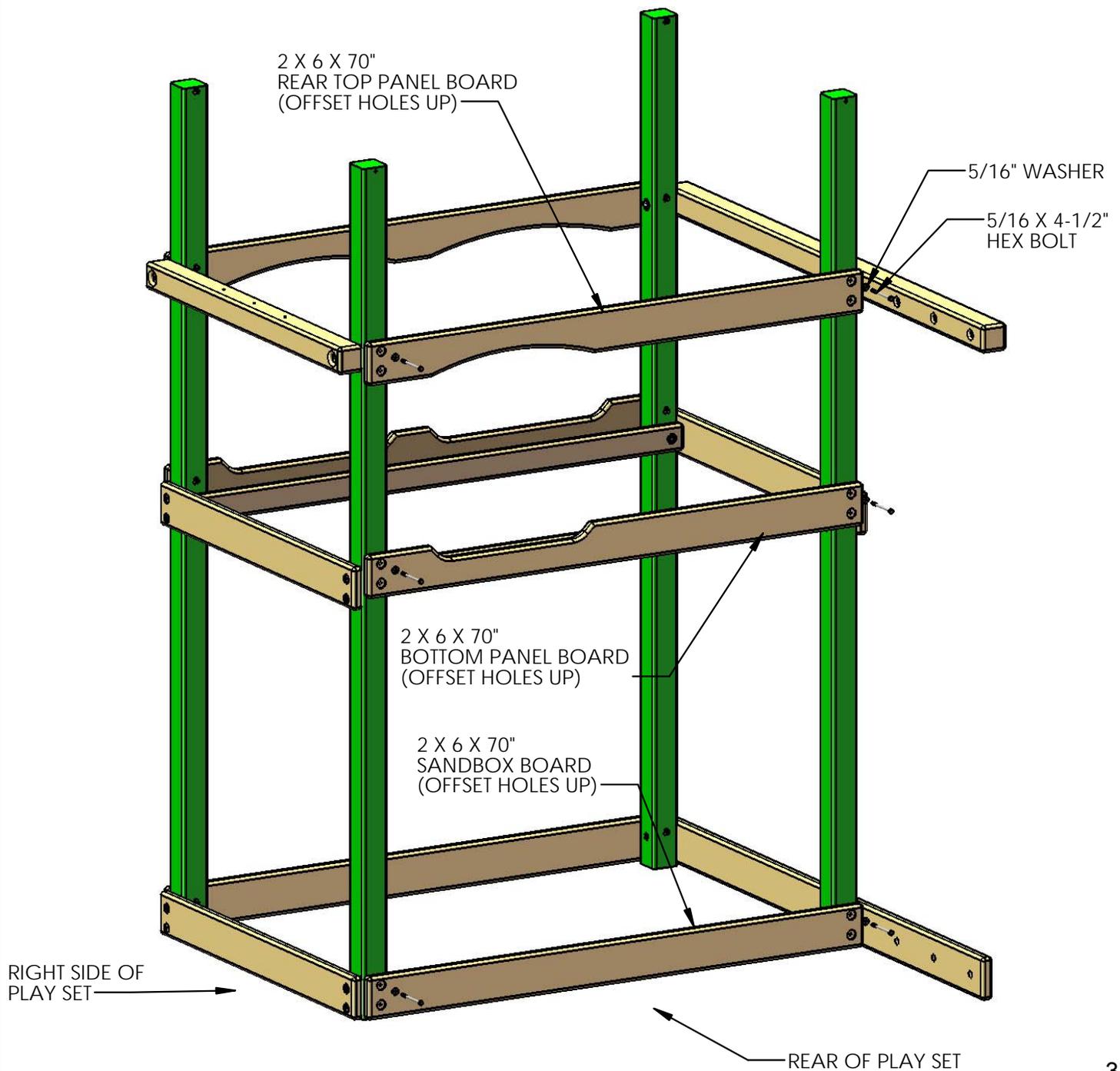


STEP 6: REAR FRAME ASSEMBLY

1: PLACE THE 2 X 6 X 70" SANDBOX BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE SANDBOX BOARD ARE OFFSET UP. USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHER TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

2: PLACE THE 2 X 6 X 70" BOTTOM PANEL BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD ARE OFFSET UP. USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

3: PLACE THE 2 X 6 X 70" REAR TOP PANEL BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE REAR TOP PANEL ARE OFFSET UP. USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHER TO ATTACH THE TOP HOLES OF THE REAR TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

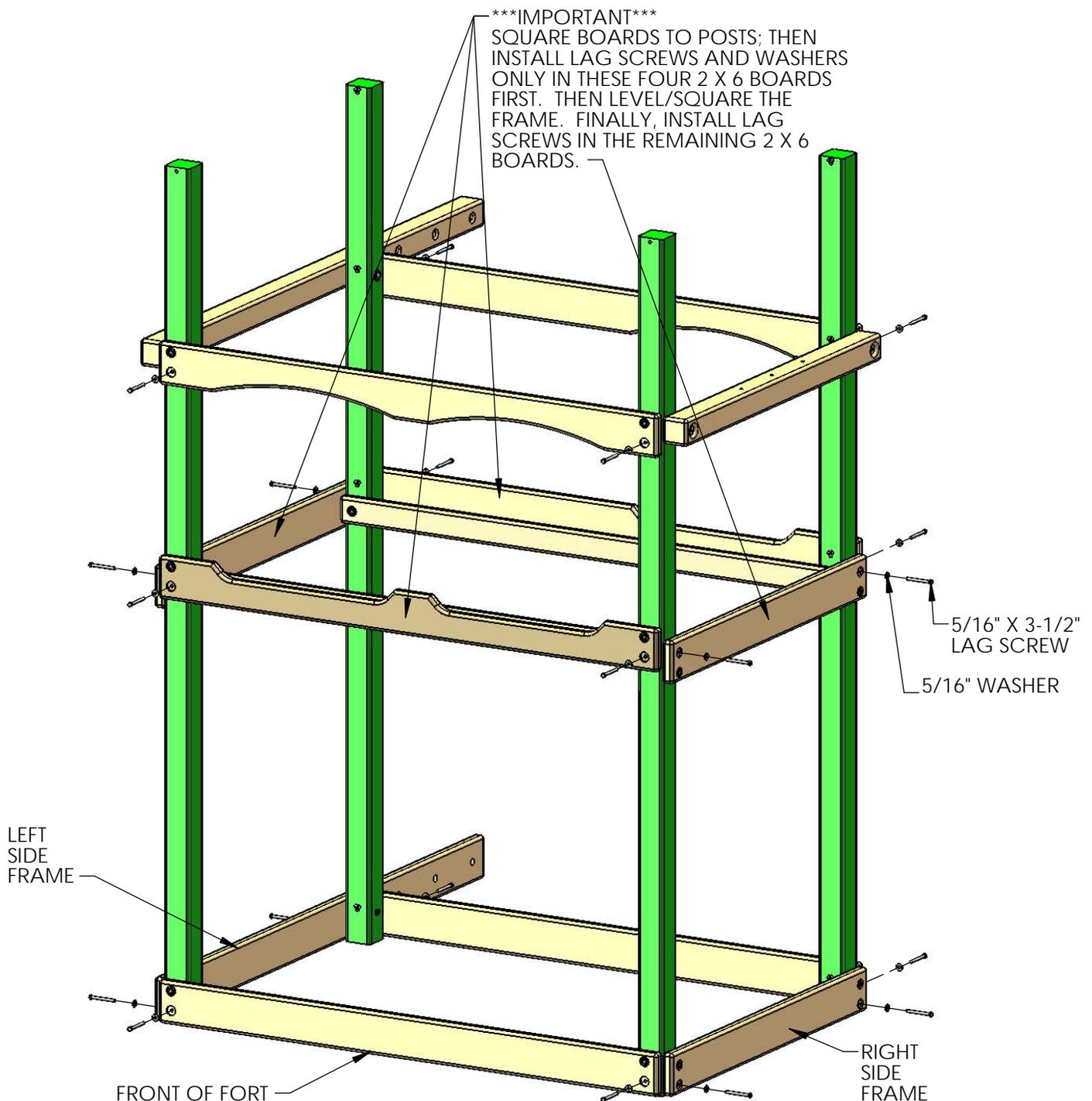


STEP 6A: LEVELING THE PLAY SET AND LAGS

1: INSTALL LAG SCREWS ONLY IN THE FOUR 2 X 6 BOARDS AT DECK HEIGHT AT THIS TIME. SQUARE EACH OF THESE FOUR BOARDS TO THE CORNER POSTS AND THEN INSTALL THE LAG SCREWS. THIS IS TO MAKE THE STRUCTURE RIGID FOR THE LEVELING AND SQUARING PROCESS.

2: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL TO LEVEL AND SQUARE THE STRUCTURE. HAVE AN ASSISTANT HELP YOU LIFT THE FRAME AS REQUIRED. **DO NOT** INSTALL REMAINING LAG SCREWS UNTIL AFTER THE FRAME HAS BEEN LEVELED AND SQUARED.

3: ONCE THE FRAME IS LEVEL, SQUARE AND SET INTO POSITION; GO BACK AND INSERT THE 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN ALL THE REMAINING HOLES OF THE 2 X 6 PARTS ON THE FRONT, SIDES AND REAR OF THE PLAY SET. NOTE: THERE WILL NOT BE ANY PREDRILLED HOLES IN THE CORNER POSTS FOR THE LAG SCREWS.



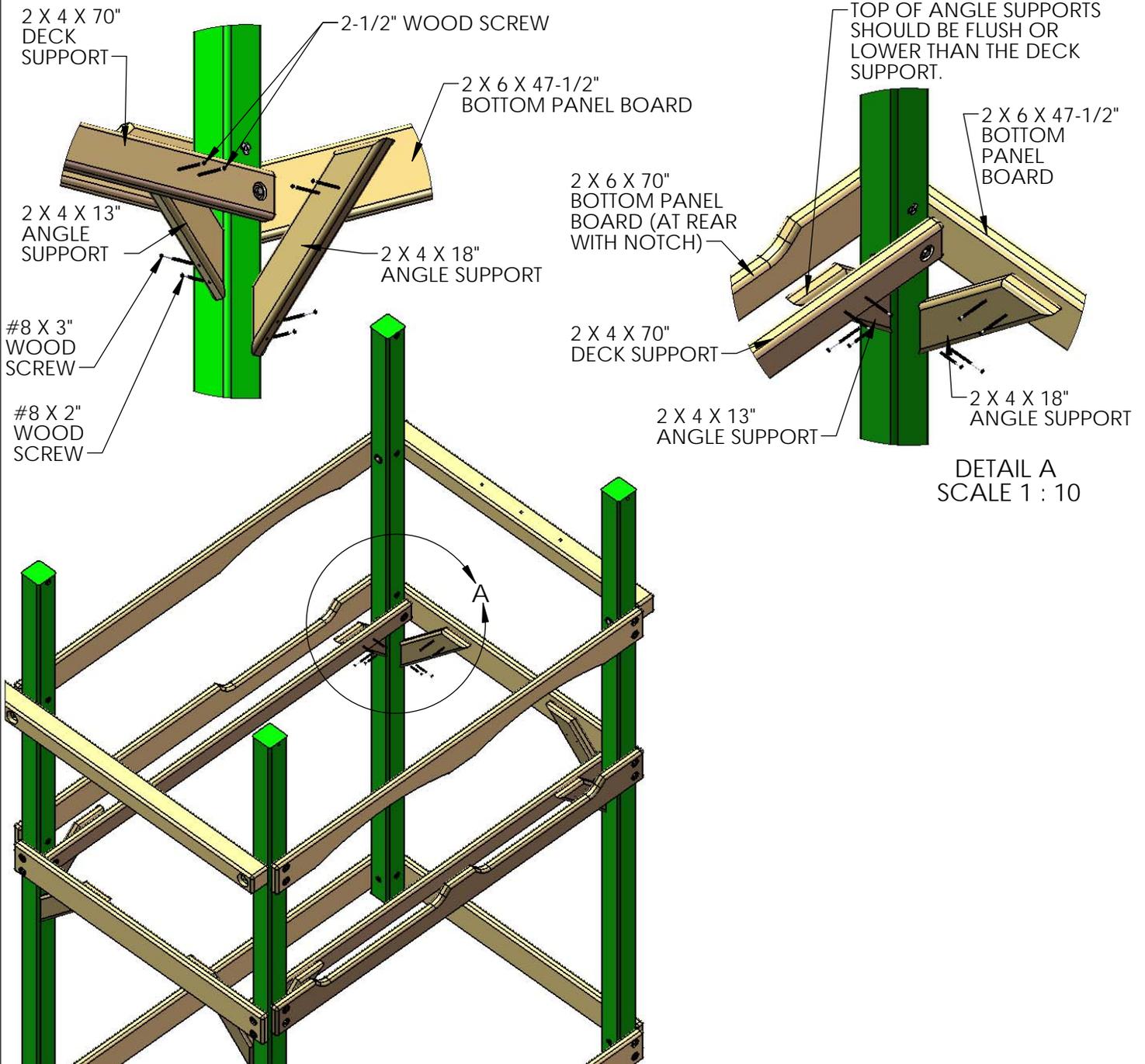
STEP 6B: ANGLE SUPPORTS

1: FOUR 2 X 4 X 18" ANGLE SUPPORTS ARE MOUNTED UNDER THE DECK ON THE LEFT AND RIGHT SIDES OF THE PLAY SET TO THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD. **THE TOP OF THE ANGLE SUPPORT SHOULD BE FLUSH OR LOWER THAN THE TOP OF THE DECK SUPPORT.**

2: AT THE TOP USE 2-1/2" WOOD SCREWS THROUGH THE ANGLE SUPPORT INTO THE BOTTOM PANEL BOARD. AT THE BOTTOM USE ONE 2" AND ONE 3" WOOD SCREW TO FASTEN THE ANGLE SUPPORT TO THE CORNER POST.

3: FOUR 2 X 4 X 13" ANGLE SUPPORTS ARE MOUNTED UNDER THE DECK ON THE FRONT AND REAR OF THE PLAY SET TO THE 2 X 4 X 70" DECK SUPPORTS. **THE TOP OF THE ANGLE SUPPORT SHOULD BE FLUSH OR LOWER THAN THE TOP OF THE DECK SUPPORT.**

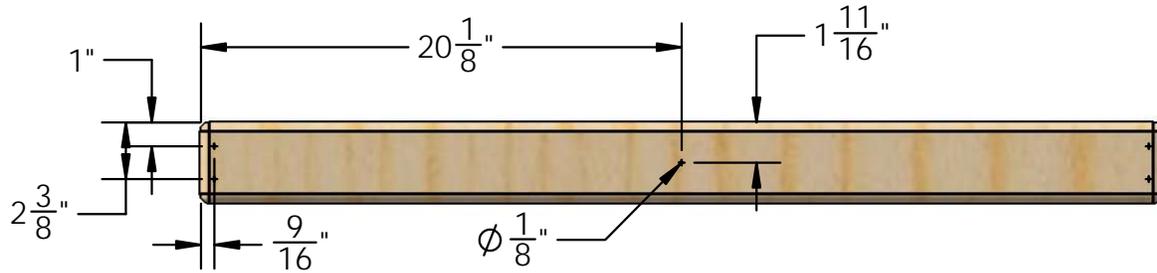
4: AT THE TOP USE 2-1/2" WOOD SCREWS THROUGH THE DECK SUPPORT INTO THE ANGLE SUPPORT. AT THE BOTTOM USE ONE 2" AND ONE 3" WOOD SCREW TO FASTEN THE ANGLE SUPPORT TO THE CORNER POST.



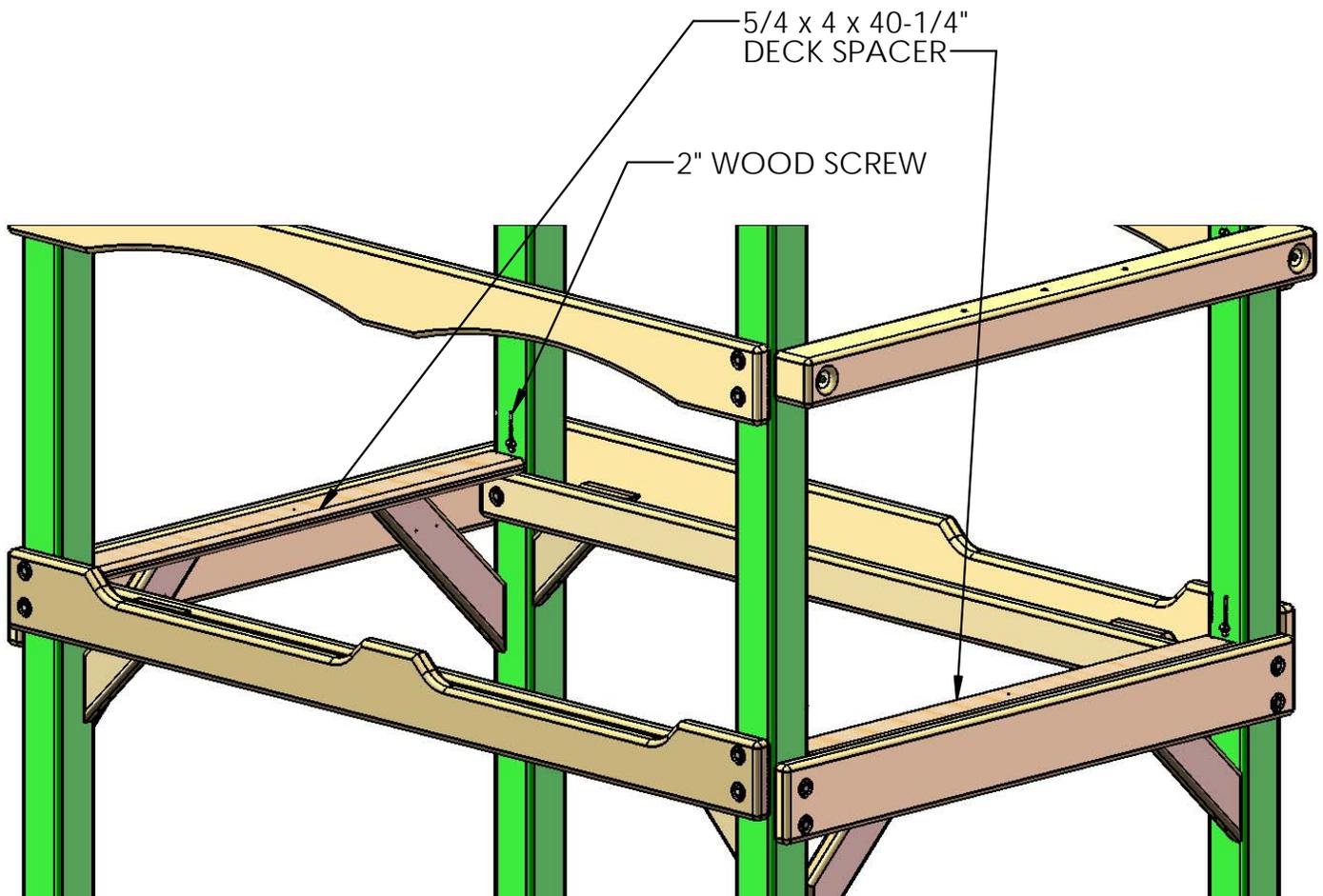
STEP 7: DECK SPACERS

THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD.

1: PRE-DRILL THE ENDS OF THE 5/4 X 4 X 40-1/4" DECK SPACERS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOWN BELOW. THE HOLE AT 20-1/8" ONLY NEEDS TO BE DRILLED ONCE. THIS HOLE IS TO ATTACH THE CENTER DECK SUPPORT TO THE DECK SPACER.



2: PLACE THE 5/4 X 4 X 40-1/4" DECK SPACER AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE CORNER POSTS AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PRE-DRILLED HOLES INTO THE DECK SUPPORT BELOW. NOTE THE TOP OF EACH SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK SPACER.



STEP 8: CENTER DECK SUPPORT

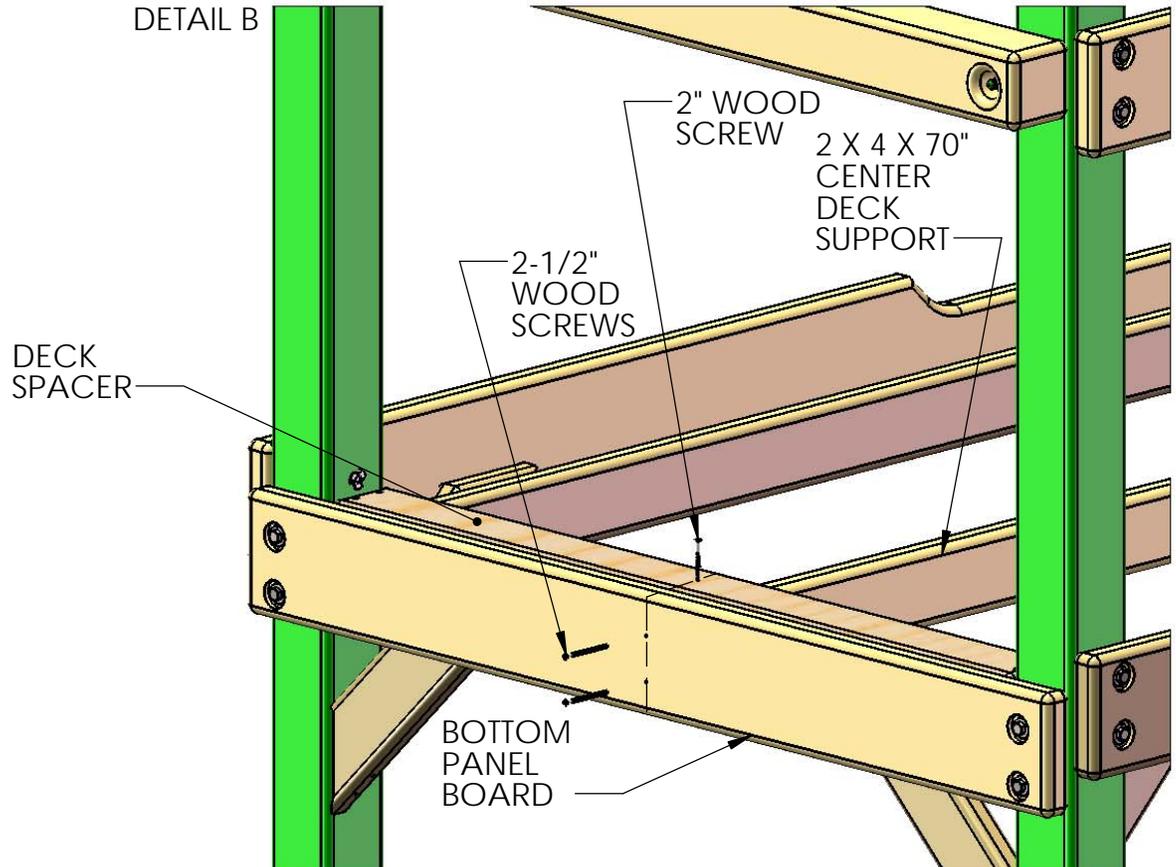
1: FIND THE 2 X 4 X 70" CENTER DECK SUPPORT WITHOUT HOLES.

2: USE THE HOLE IN THE CENTER OF THE DECK SPACER AS A GUIDE TO DRAW A LINE ON THE OUTSIDE OF THE BOTTOM PANEL BOARD ON EACH SIDE OF THE PLAY SET. (SEE DETAIL B) PLACE THE CENTER DECK SUPPORT UNDERNEATH THE DECK SPACERS THAT WERE PREVIOUSLY INSTALLED.

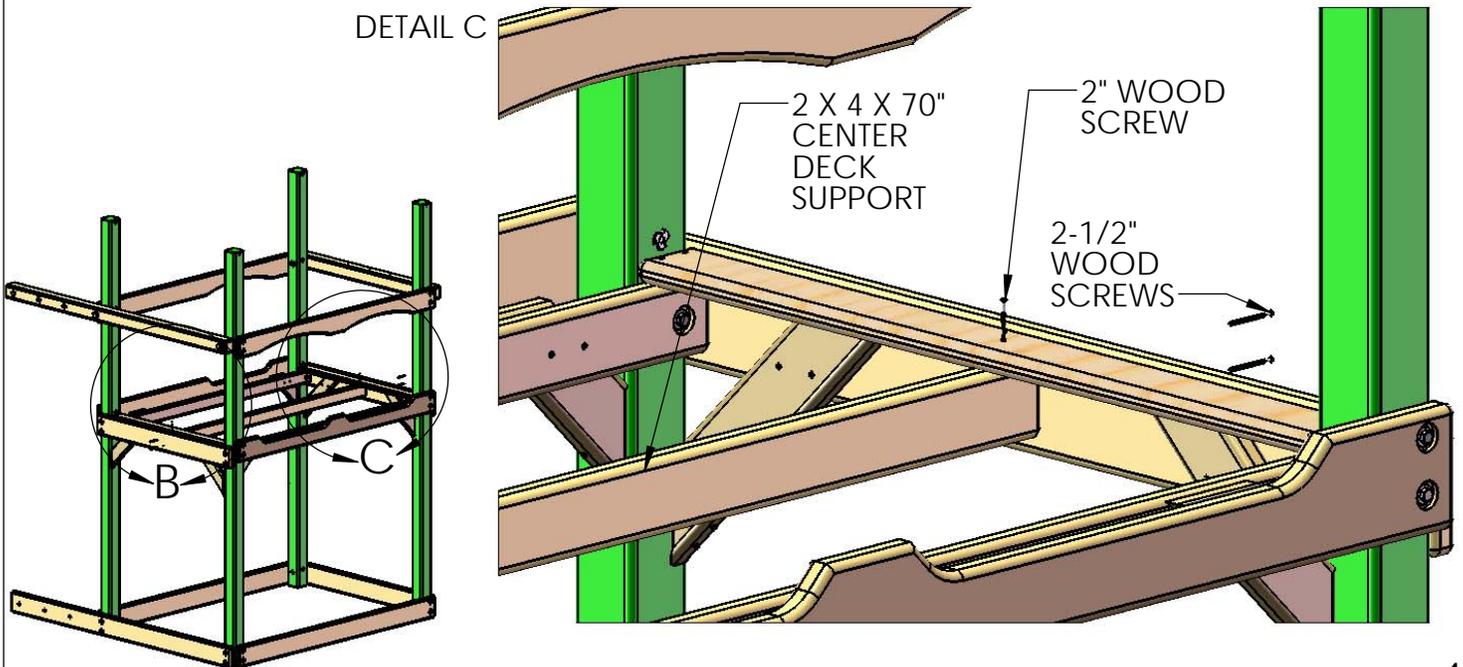
3: CENTER THE 2 X 4 X 70" CENTER DECK SUPPORT UNDER THE HOLE IN THE DECK SPACER. USE 2" WOOD SCREWS TO ATTACH THE DECK SPACERS TO THE CENTER DECK SUPPORT.

4: USING TWO 2-1/2" WOOD SCREWS, FASTEN THE END OF THE 2 X 4 X 70" CENTER DECK SUPPORT TO THE INSIDE OF THE BOTTOM PANEL BOARD. REPEAT THIS STEP ON THE OPPOSITE END OF THE FORT AS SHOWN IN DETAIL C.

DETAIL B



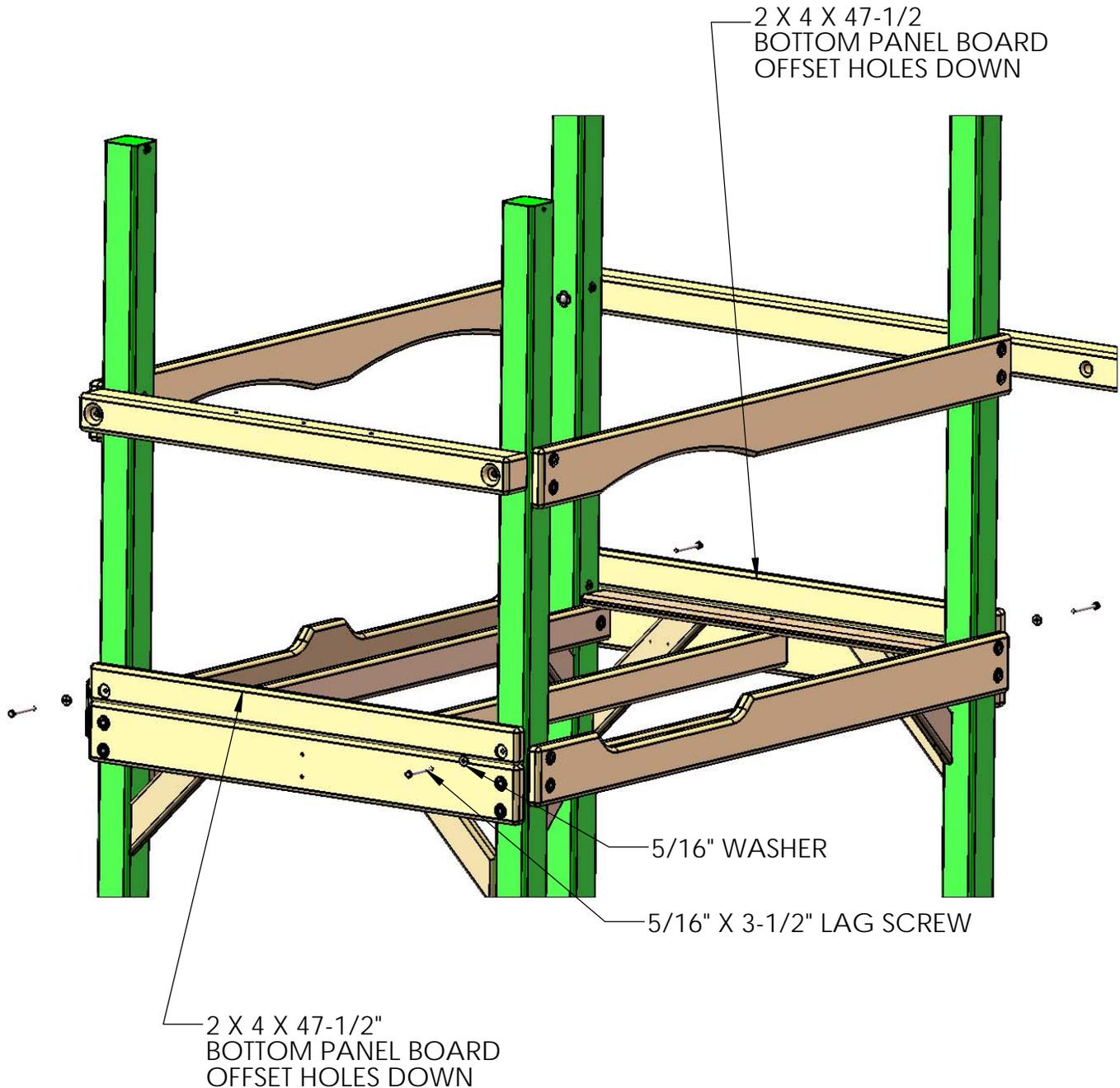
DETAIL C



STEP 9: BOTTOM PANEL BOARDS

1: PLACE THE 2 X 4 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE 2 X 6 PANEL BOARD WITH OFFSET HOLES DOWN AND FASTEN TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

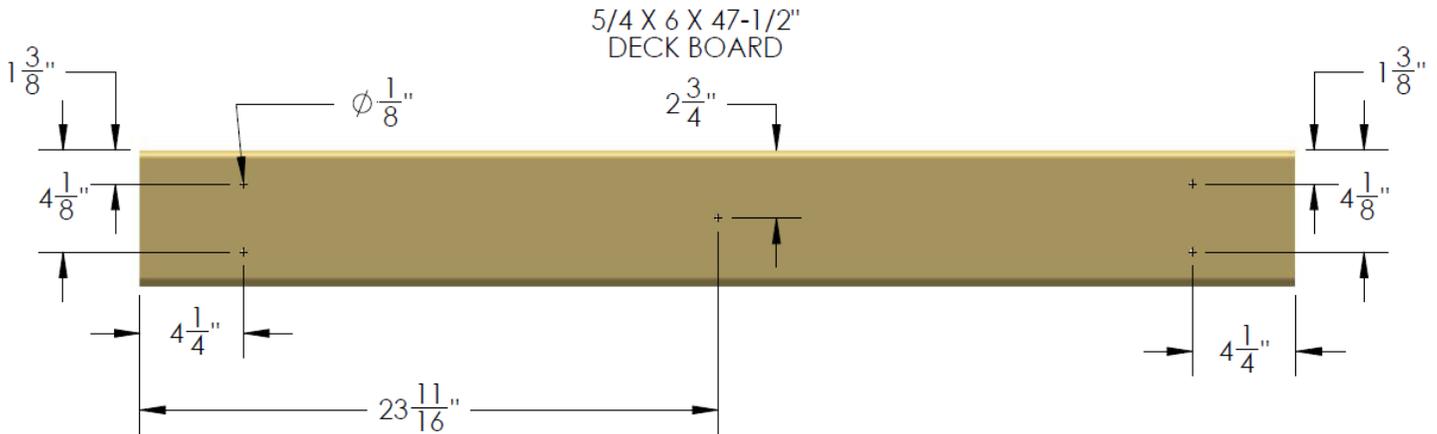
2: DO THE SAME PROCEDURE FOR THE OTHER SIDE USING A 2 X 4 X 47-1/2" BOTTOM PANEL BOARD, 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.



STEP 10: DECK BOARDS

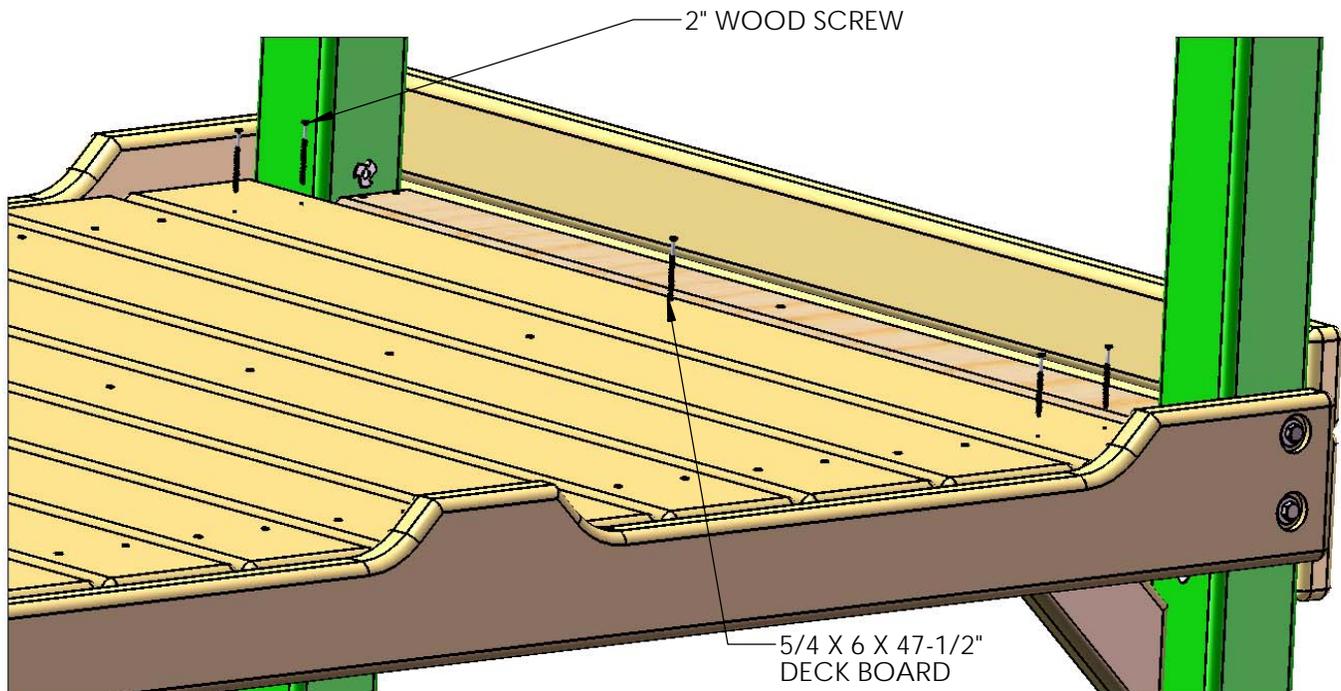
THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD.

1: PRE-DRILL THE ENDS OF THE DECK BOARDS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOWN BELOW.



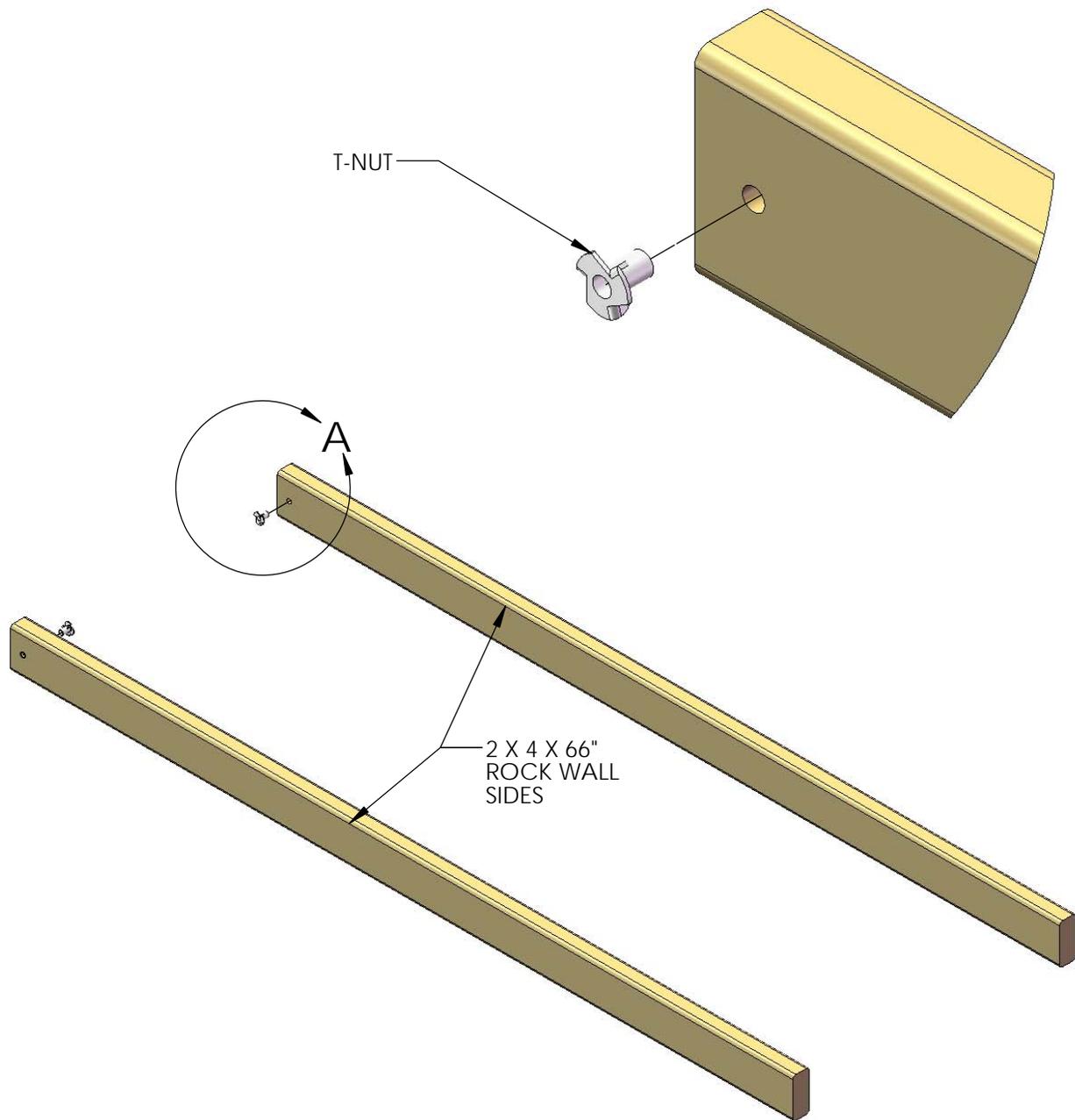
2: START WITH A 5/4 X 6 X 47-1/2" DECK BOARD AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE FRONT FACE BOARD AND THE REAR BOTTOM PANEL BOARD AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILLED HOLES AND INTO THE DECK SUPPORT SHOWN BELOW. LEAVE A UNIFORM (APPROXIMATELY 1/4") SPACE BETWEEN THE DECK BOARDS. NOTE THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK BOARDS.

LAY ALL DECK BOARDS ACROSS THE DECK SUPPORTS BEFORE SECURING THEM TO THE FORT. THIS WILL ENSURE THAT YOU HAVE EQUAL SPACING ACROSS THE DECK.



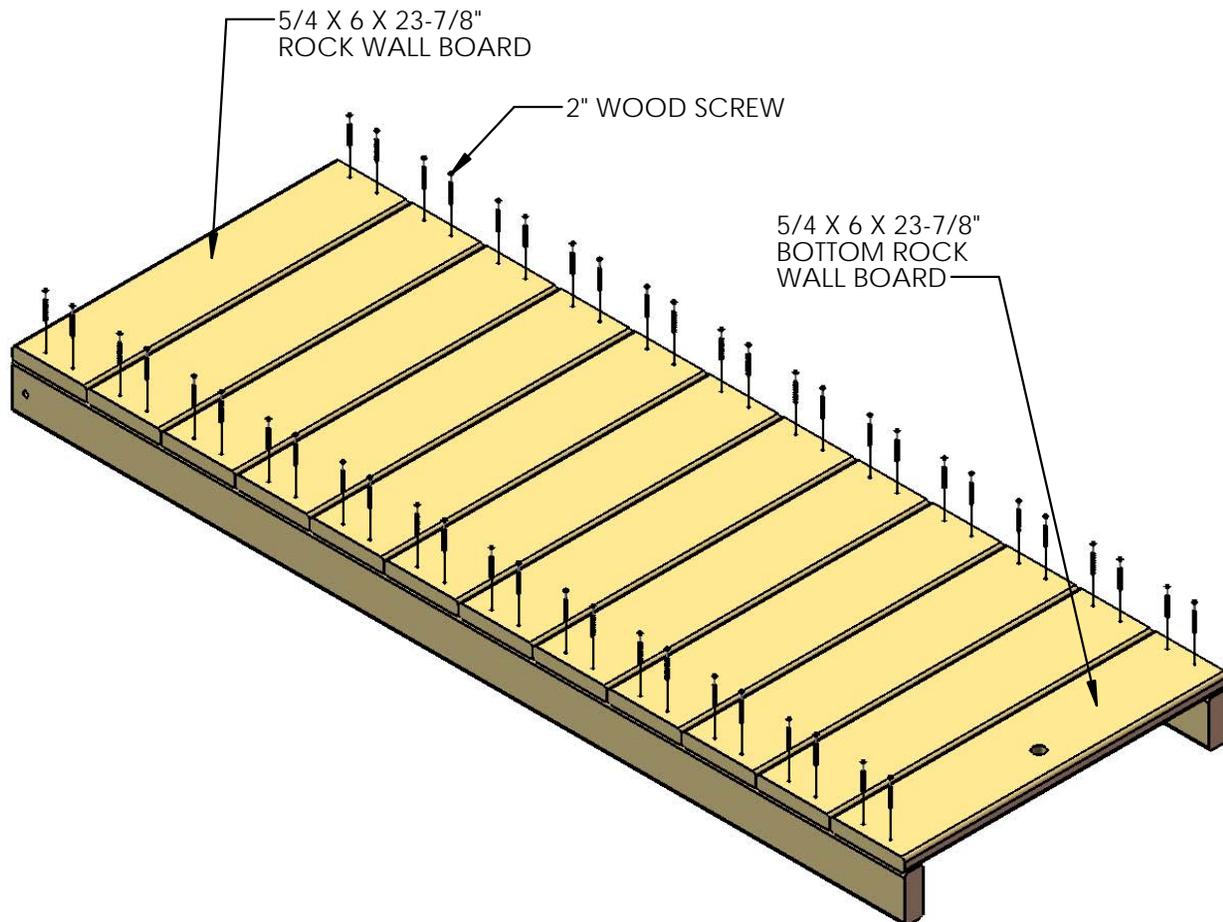
STEP 11: ROCK WALL

- 1: FIND TWO 2 X 4 X 66" ROCK WALL SIDES.
- 2: POSITION THE ROCK WALL SIDES SO THAT THE HOLES IN THE BOARDS ARE BOTH FACING THE SAME WAY.
- 3: INSERT T-NUTS INTO THE INSIDE OF THE ROCK WALL SIDES AND SET WITH A HAMMER.



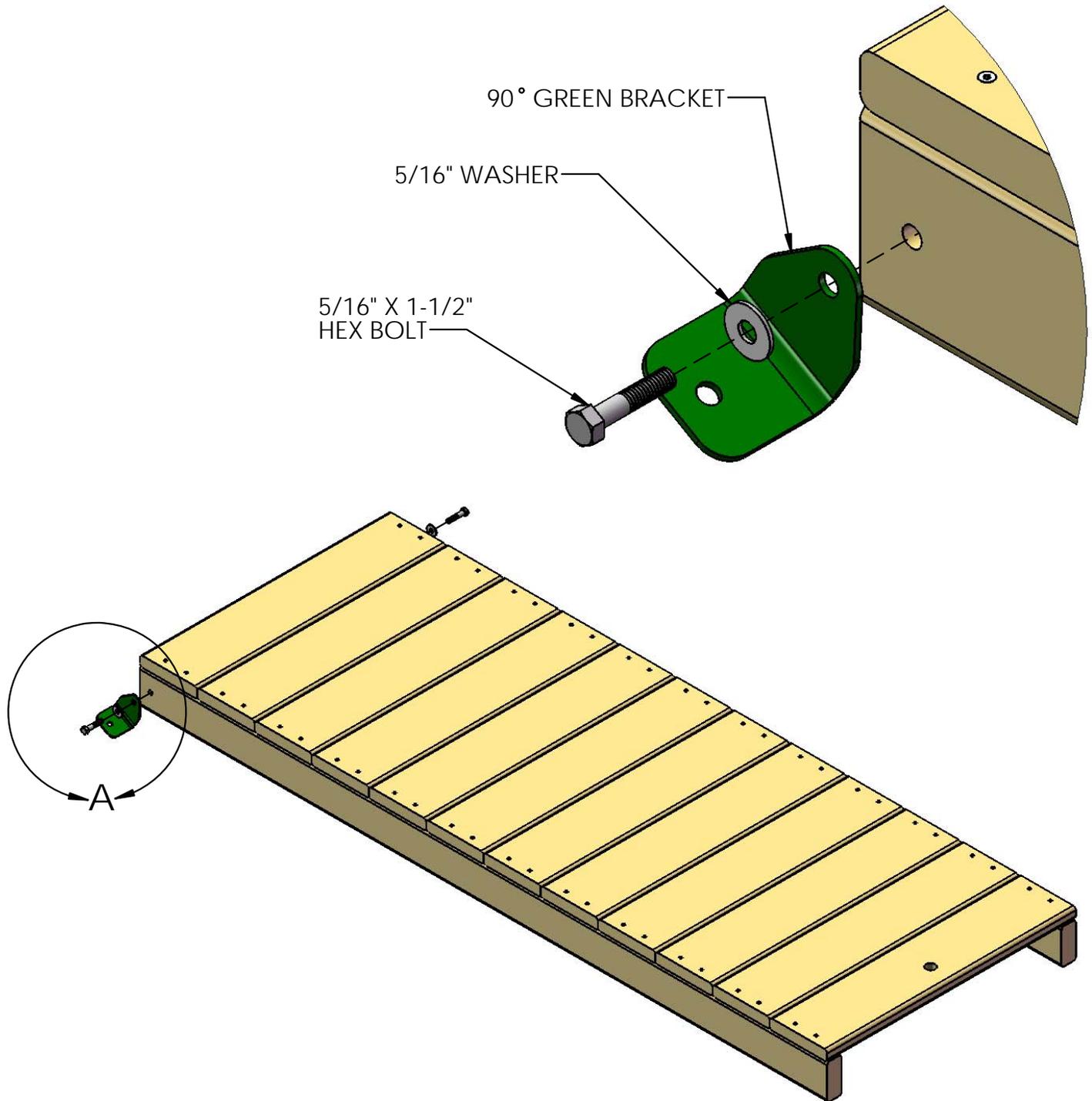
STEP 12: ROCK WALL

- 1: FIND ELEVEN 5/4 X 6 X 23-7/8" ROCK WALL BOARDS AND ONE 5/4 X 6 X 23-7/8" BOTTOM ROCK WALL BOARD (1 HOLE).
- 2: STARTING FROM THE TOP, PLACE ONE ROCK WALL BOARD ON TOP OF THE ROCK WALL SIDES, FLUSH TO THE TOP OF THE ROCK WALL SIDES, AND ATTACH WITH TWO 2" WOOD SCREWS ON EACH SIDE.
- 3: CONTINUE DOWN THE ROCK WALL WITH THE REMAINING ROCK WALL BOARDS, FASTENING EACH BOARD WITH TWO 2" WOOD SCREWS ON EACH END.
- 4: THE FINAL BOARD WILL BE THE BOTTOM ROCK WALL BOARD WITH ONE HOLE. ATTACH WITH TWO 2" WOOD SCREWS ON EACH SIDE.
- 5: IN SOME CASES, THERE WILL BE EXCESS LENGTH ON THE ROCK WALL SIDES. THIS IS DUE TO MILLING VARIATIONS, AND IS ALSO USED TO HELP LEVEL THE ROCK WALL SIDES ON UNEVEN GROUND.
- 6: ROCK WALL SIDES MAY NOT BE EVEN WITH THE BOTTOM ROCK WALL BOARD DUE TO MILLING VARIATIONS AND WOOD SHRINKAGE.



STEP 13: ROCK WALL

- 1: FASTEN THE 90° BRACKET TO THE ROCK WALL SIDES WITH 5/16 X 1-1/2" HEX BOLTS AND 5/16" WASHERS.
- 2: DO NOT TIGHTEN THE HEX BOLTS INTO THE T-NUTS AT THIS TIME.

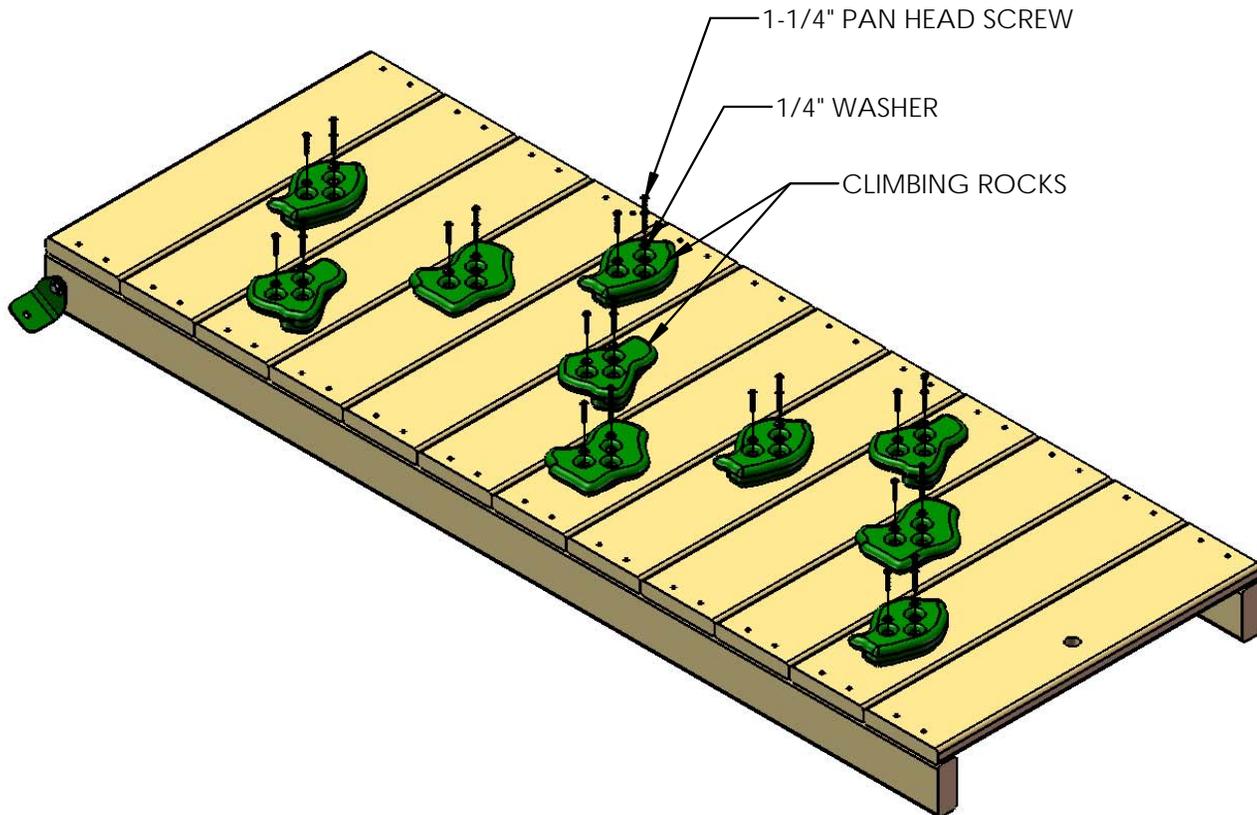


STEP 14: ROCK WALL

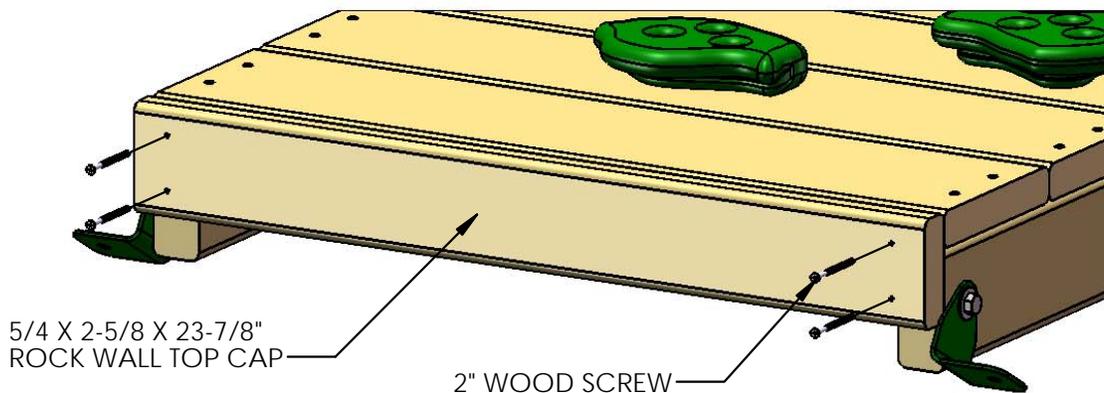
1: FIND TEN ROCKS AND THIRTY 1-1/4" PAN HEAD SCREWS AND THIRTY 1/4" WASHERS.

2: MOUNT THE ROCKS IN A STAGGERED MANNER ON THE ROCK WALL BOARDS. THREE PAN HEAD SCREWS WITH THREE WASHERS WILL SECURE EACH ROCK TO THE WALL.

NOTE: THE IMAGE SHOWN BELOW IS A GENERIC ARRANGEMENT OF ROCKS ON THE ROCK WALL. YOUR ACTUAL CONFIGURATION MAY BE DIFFERENT THAN WHAT YOU SEE BELOW. ROCKS CAN BE ARRANGED IN ANY PATTERN AS LONG AS THEY WILL ALLOW PROPER ACCESS TO THE FORT. BE CREATIVE.

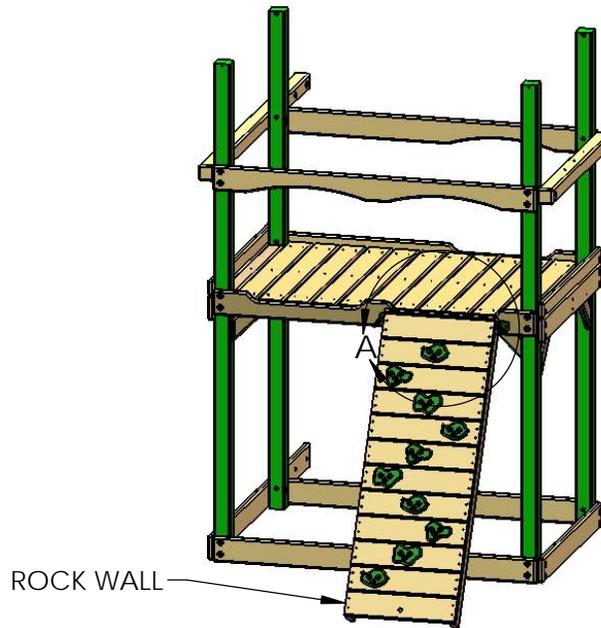


3: PLACE THE 5/4 X 2-5/8 X 23-7/8" ROCK WALL TOP CAP ON TOP OF THE ROCK WALL SIDES. FASTEN THE ROCK WALL TOP CAP TO THE ROCK WALL SIDES WITH 2" WOOD SCREWS.

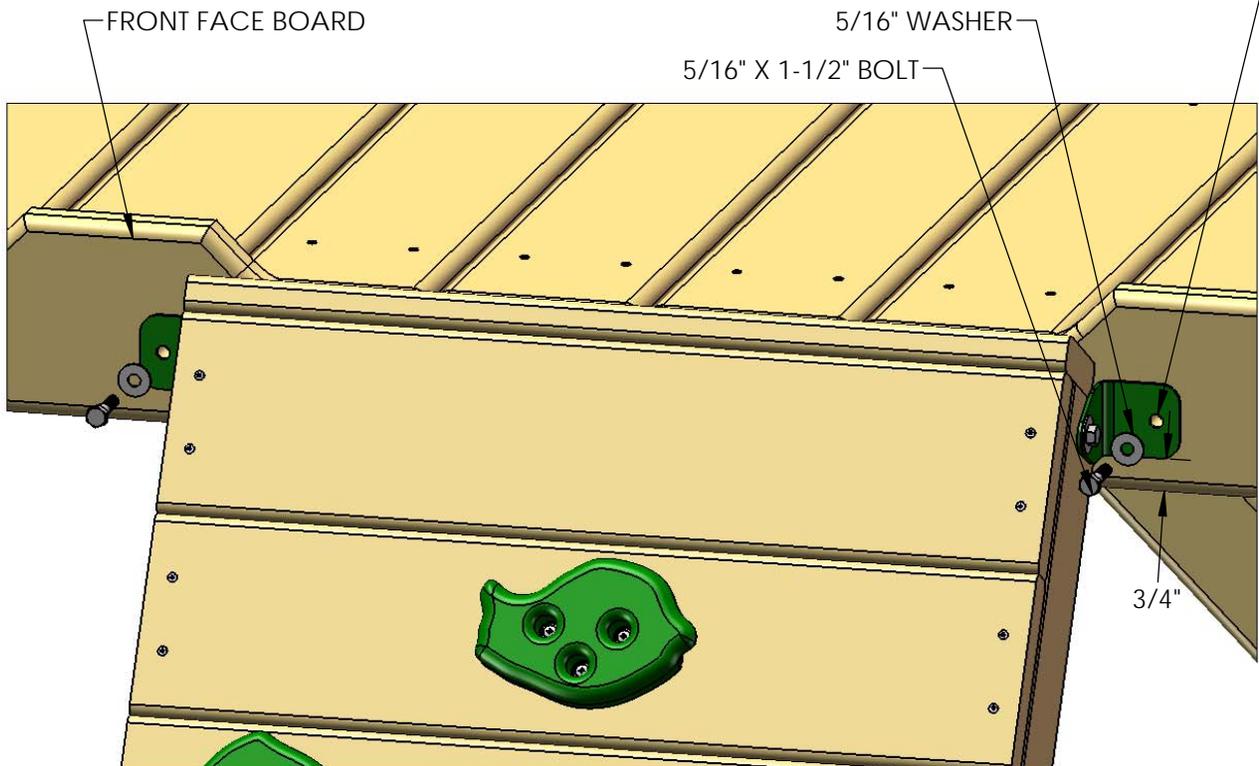


STEP 15: ATTACHING THE ROCK WALL

- 1: PLACE THE ROCK WALL INTO POSITION ON THE FRONT SIDE - RIGHT OF THE PLAY SET AS SHOWN BELOW. THE BOTTOM OF THE 90° BRACKETS SHOULD BE APPROXIMATELY 3/4" FROM THE BOTTOM OF THE FRONT FACE BOARD. USING THE 90° BRACKETS AS A TEMPLATE; DRILL A 3/8" HOLE THROUGH THE FRONT FACE BOARD.
- 2: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACK SIDE OF THE 3/8" HOLES ON THE FRONT FACE BOARD.
- 3: ATTACH THE ROCK WALL WITH 5/16 X 1-1/2" BOLTS AND 5/16" WASHERS.
- 4: WHEN THE 90° BRACKETS ARE SECURE, AND THE ROCK WALL IS IN ITS FINAL POSITION; TIGHTEN THE 5/16 X 1-1/2" BOLTS ON THE ROCK WALL SIDES.

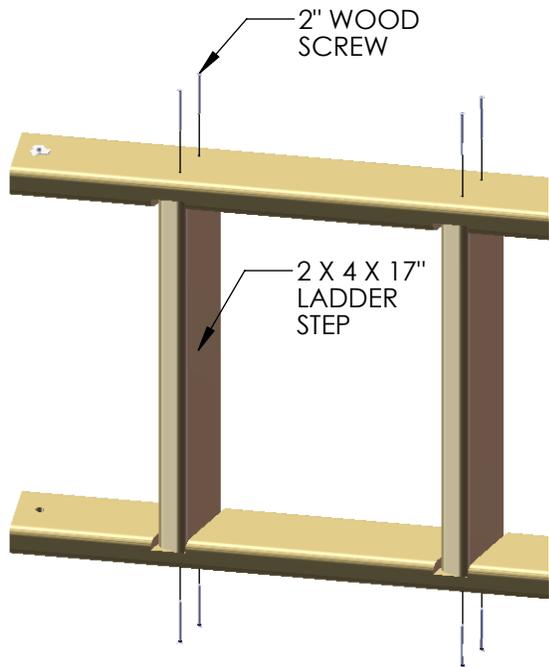
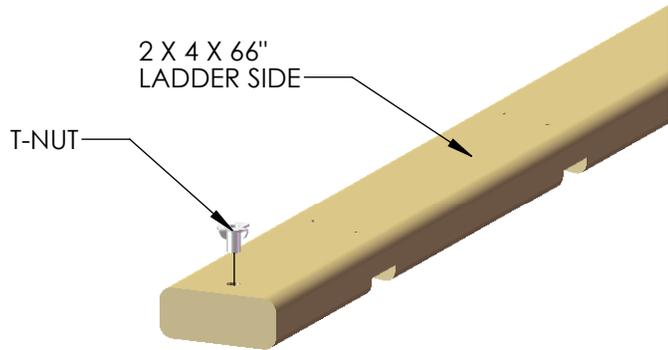


NOTE: T-NUT GOES IN BACK SIDE OF HOLE DRILLED ON EACH SIDE.



STEP 16: LADDER

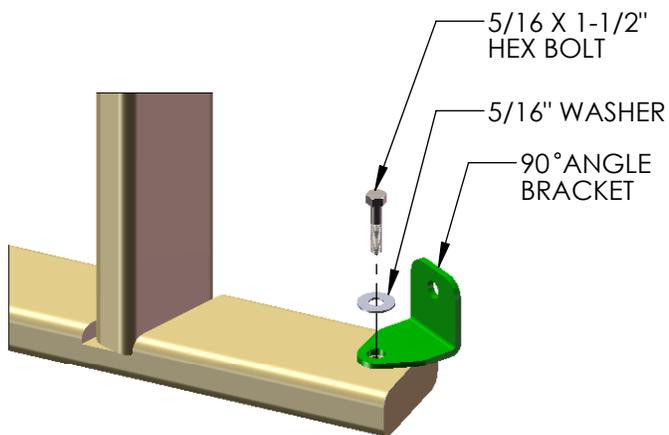
- 1: FIND TWO 2 X 4 X 66" LADDER SIDES.
- 2: POSITION THE LADDER SIDES SO THAT THE SLOTS IN THE BOARDS ARE FACING EACH OTHER AND ARE PARALLEL.
- 3: INSERT T-NUTS INTO THE OUTSIDE OF THE LADDER SIDES AND SET WITH A HAMMER.



- 4: FIND FIVE 2 X 4 X 17" LADDER STEPS.

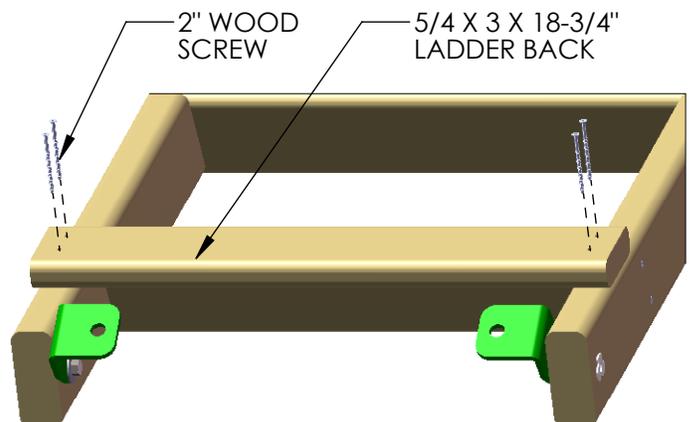
- 5: PLACE THE STEPS INTO THE SLOTS ON THE LADDER SIDES, AND FASTEN WITH 2" WOOD SCREWS.

- 6: CAREFULLY TURN THE LADDER OVER AND PUT THE SCREWS INTO THE OTHER SIDE.



- 7: INSTALL THE 90° ANGLE BRACKETS TO THE INSIDE OF THE LADDER RAILS WITH 5/16 X 1-1/2" BOLTS, 5/16 WASHERS, INTO THE 5/16" T-NUTS.

- 8: INSTALL THE 5/4 X 3 X 18-3/4" LADDER BACK ABOVE THE TOP STEP OF THE LADDER WITH TWO 2" WOOD SCREWS PER SIDE.



STEP 17: LADDER TO PLAY SET

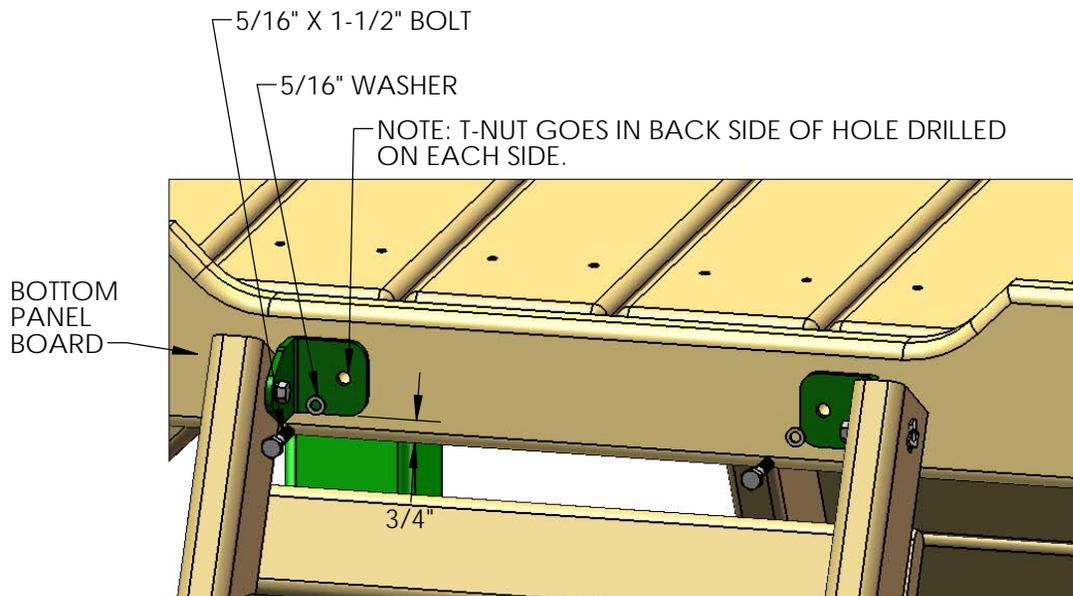
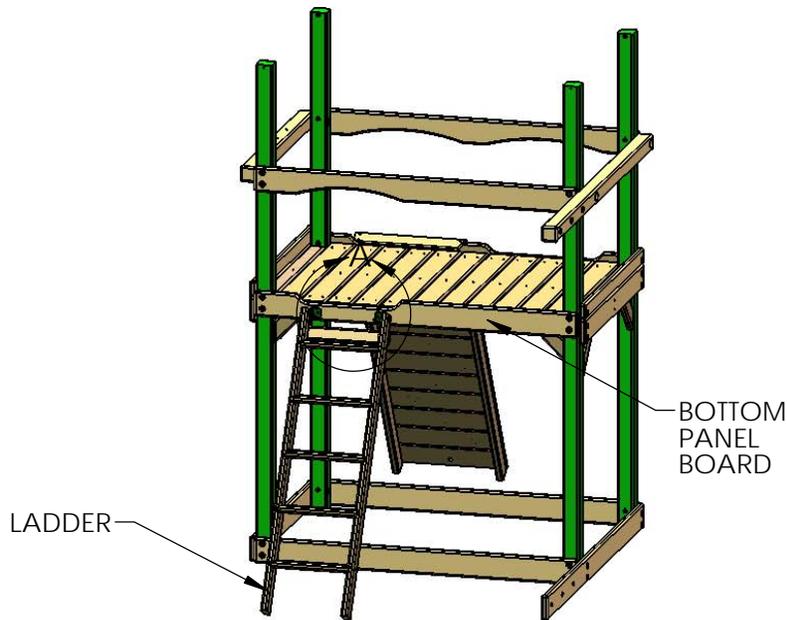
1: THE LADDER WILL ATTACH TO THE REAR OF THE PLAY SET. PLACE THE LADDER AGAINST THE BOTTOM PANEL BOARD CENTERED IN THE NOTCHED OUT AREA.

2: THE BOTTOM OF THE 90° BRACKETS SHOULD BE APPROXIMATELY 3/4" FROM THE BOTTOM OF THE BOTTOM PANEL BOARD. USING THE 90° BRACKETS AS A TEMPLATE DRILL A 3/8" HOLE THROUGH THE BOTTOM PANEL BOARD.

3: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACK SIDE OF THE 3/8" HOLES ON THE BOTTOM PANEL BOARD.

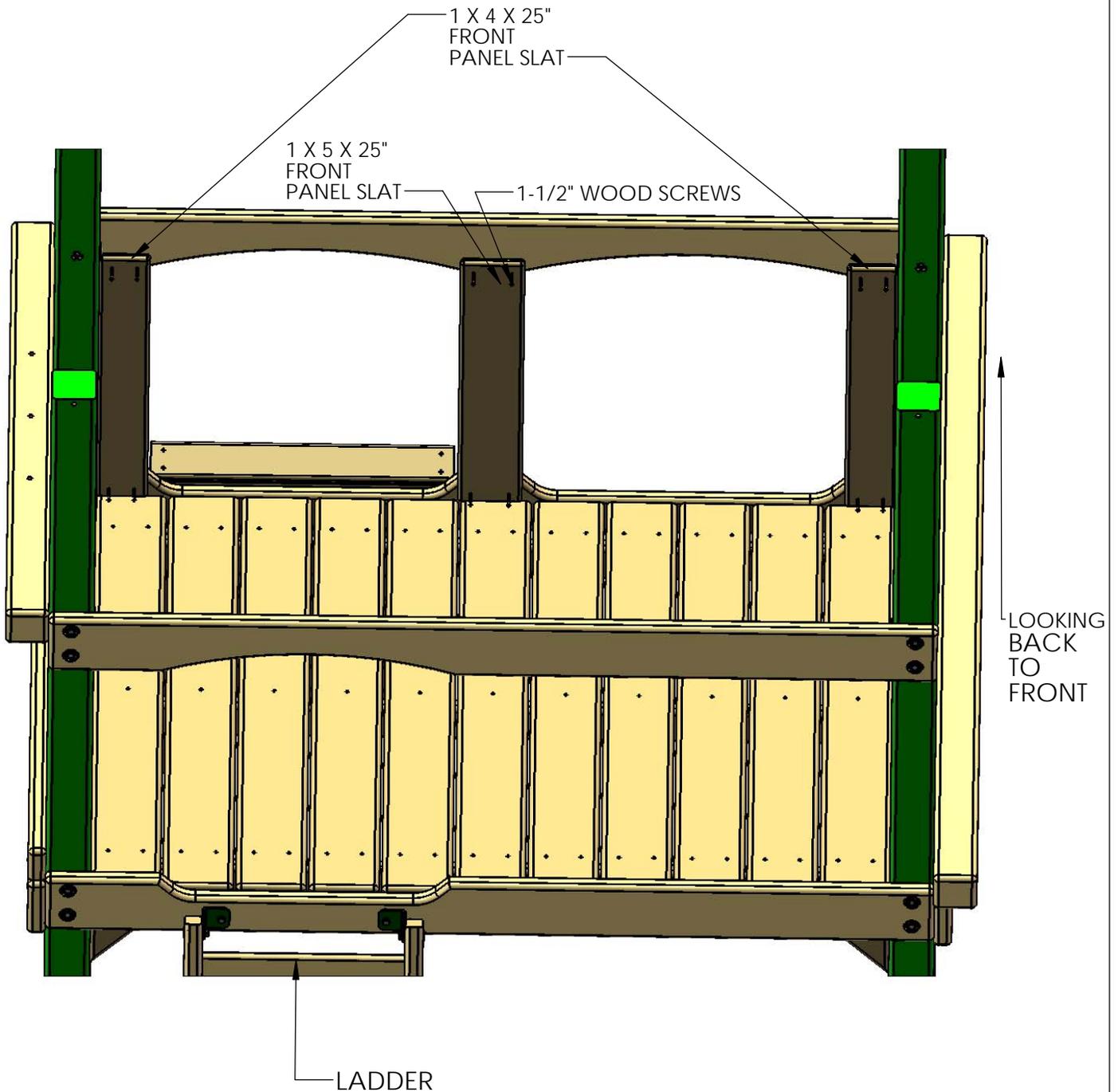
4: ATTACH THE LADDER WITH 5/16" X 1-1/2" BOLTS AND 5/16" WASHERS.

5: WHEN THE 90° BRACKETS ARE SECURE, AND THE LADDER IS IN ITS FINAL POSITION TIGHTEN THE 5/16" X 1-1/2" BOLTS ON THE INSIDE OF THE LADDER SIDES.



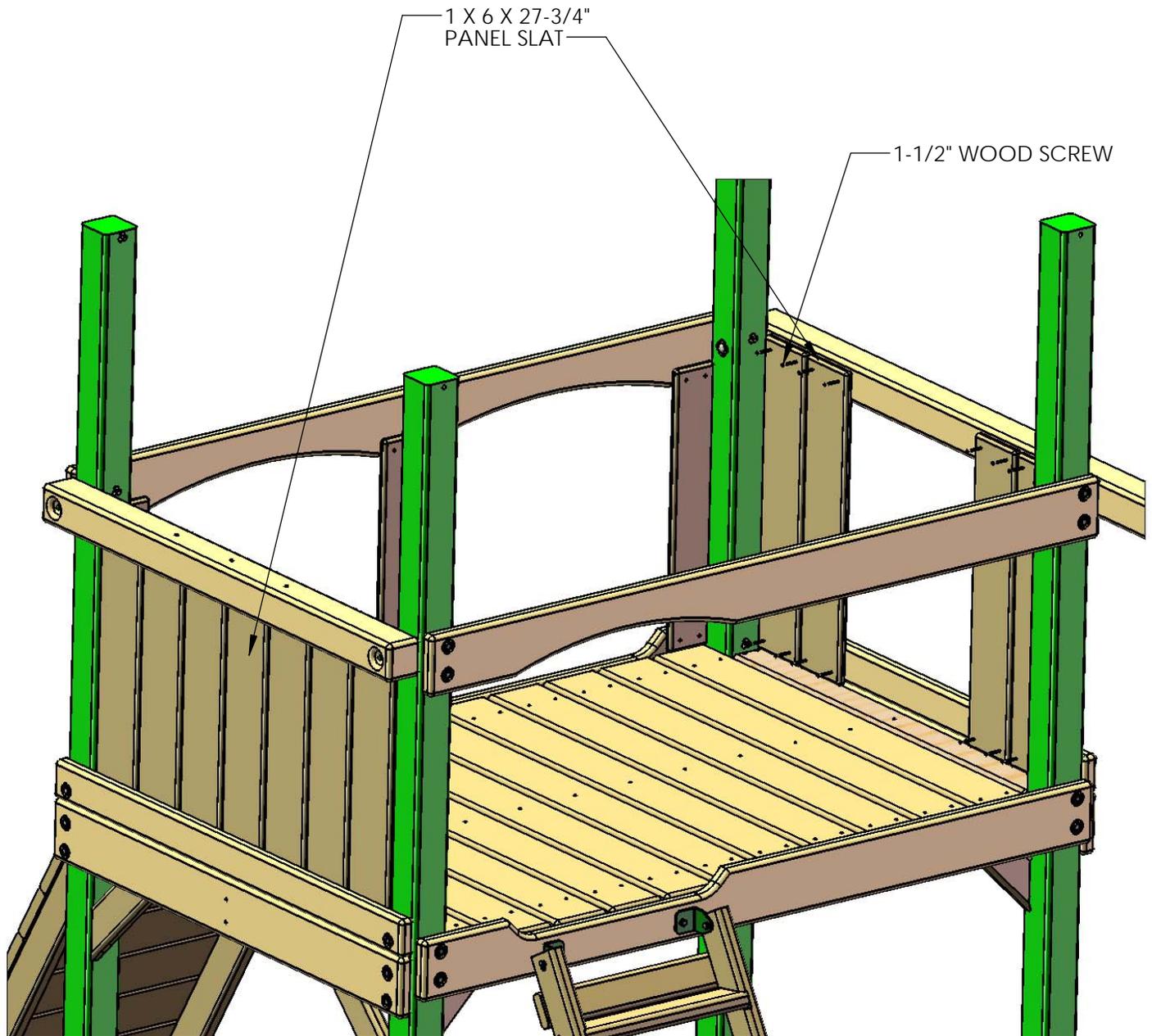
STEP 18: FRONT PANEL SLATS

- 1: FIND TWO 1 X 4 X 25" FRONT PANEL SLATS AND ONE 1 X 5 X 25" FRONT PANEL SLAT.
- 2: PREDRILL THE SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT
- 3: INSTALL THE PANEL SLATS AS SHOWN ON THE FIGURE BELOW WITH THE 1 X 5 X 25" FRONT PANEL SLAT GOING IN THE MIDDLE AND THE 1 X 4 X 25" FRONT PANEL SLATS GOING ON EITHER END.
- 4: ATTACH WITH 1-1/2" WOOD SCREWS IN THE 1/8" PREDRILLED HOLES.



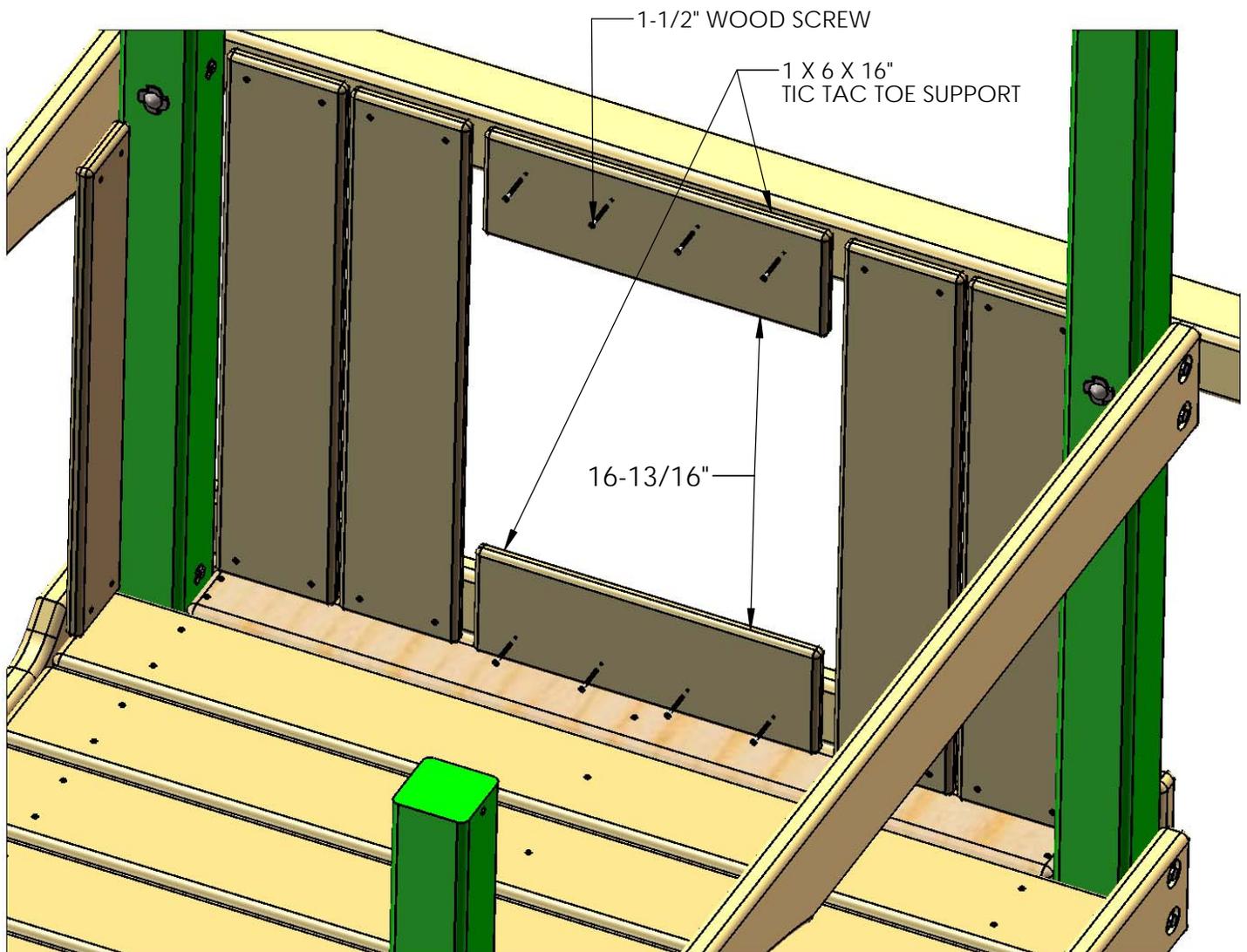
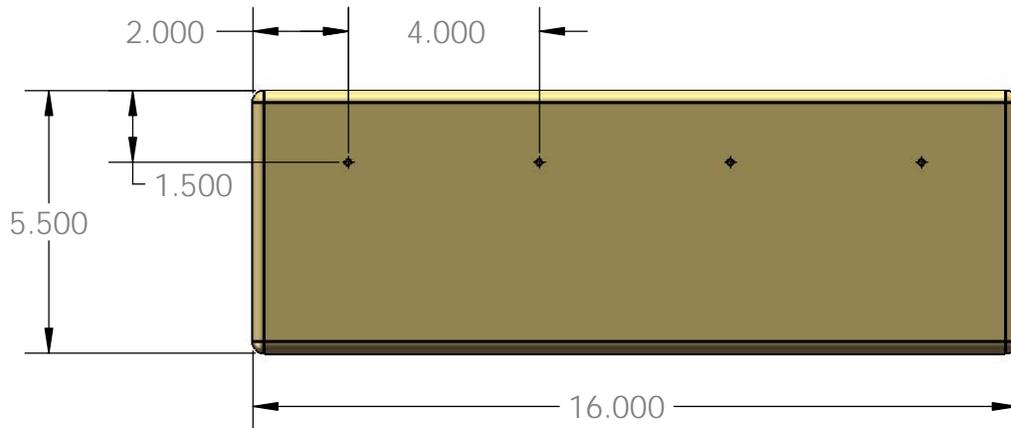
STEP 19: SIDE PANEL SLATS

- 1: FIND ELEVEN 1 X 6 X 27-3/4" PANEL SLATS.
- 2: PRE-DRILL THE PANEL SLATS 1" FROM EACH END WITH TWO EQUALLY SPACED HOLES WITH A 1/8" DRILL BIT.
3. INSTALL THE PANEL SLATS AS SHOWN LEAVING 1/4" GAP BETWEEN EACH PANEL SLAT OR A 1/4" GAP BETWEEN THE CORNER POST AND PANEL SLAT.
4. ATTACH THE PANEL SLATS TO THE PLAY SET WITH 1-1/2" WOOD SCREWS IN THE PREDRILLED HOLES.



STEP 20: TIC TAC TOE SUPPORT

- 1: FIND THE TWO 1 X 6 X 16" TIC TAC TOE SUPPORT SLATS.
- 2: PRE-DRILL THE SLATS 2" FROM EACH END, AND 4" OVER FROM THE FIRST HOLE AS SHOWN ON THE DIAGRAM USING A 1/8" DRILL BIT.
- 3: INSTALL THE SLATS IN THE GAP LEFT FROM THE PREVIOUS INSTALLATION LEAVING A 3/4" GAP ON THE END.
- 4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES LEAVING A 16-13/16" OPENING BETWEEN THE TIC TAC TOE SUPPORT SLATS.



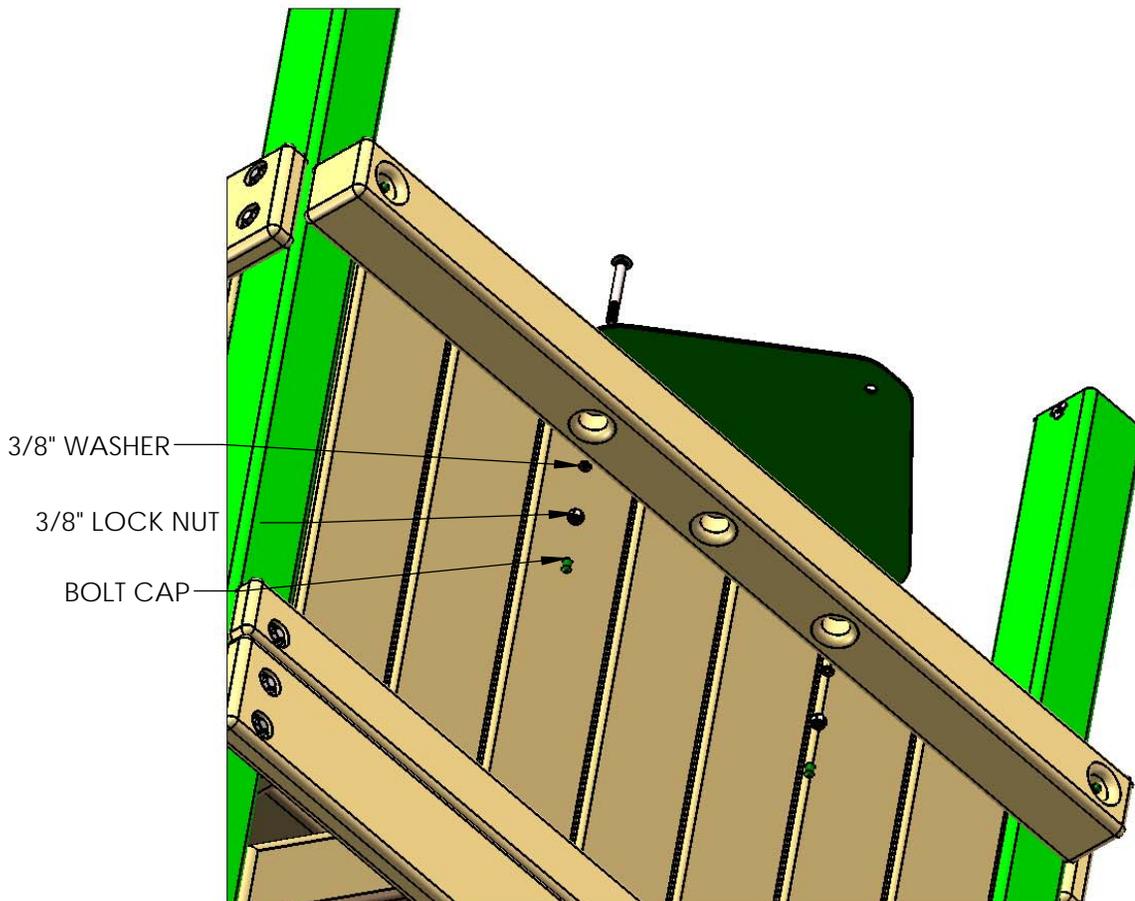
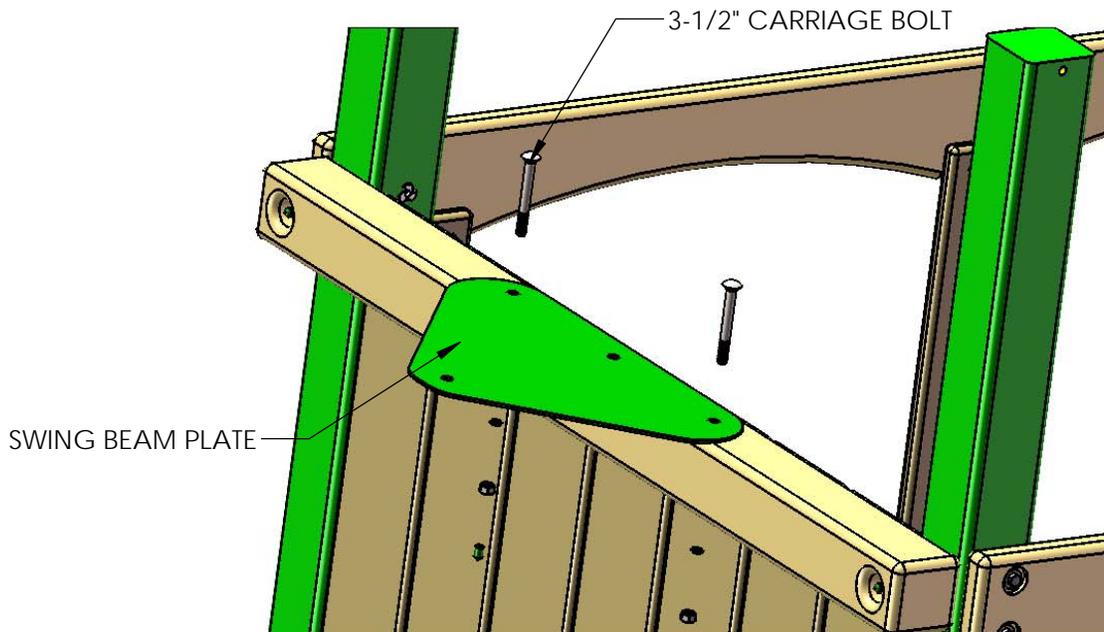
STEP 21: SWING BEAM PLATE

1: PLACE THE SWING BEAM PLATE ON TOP OF THE SWING BEAM SUPPORT, LINING UP THE PILOT HOLES.

2: FASTEN THE SWING BEAM PLATE TO THE SWING BEAM SUPPORT USING 3-1/2" CARRIAGE BOLTS ON THE TOP, AND 3/8" WASHERS, 3/8" LOCK NUTS ON THE BOTTOM, IN THE COUNTER-SUNK HOLES OF THE SWING BEAM SUPPORT. USE BOLT CAPS TO COVER ANY EXPOSED THREADS.

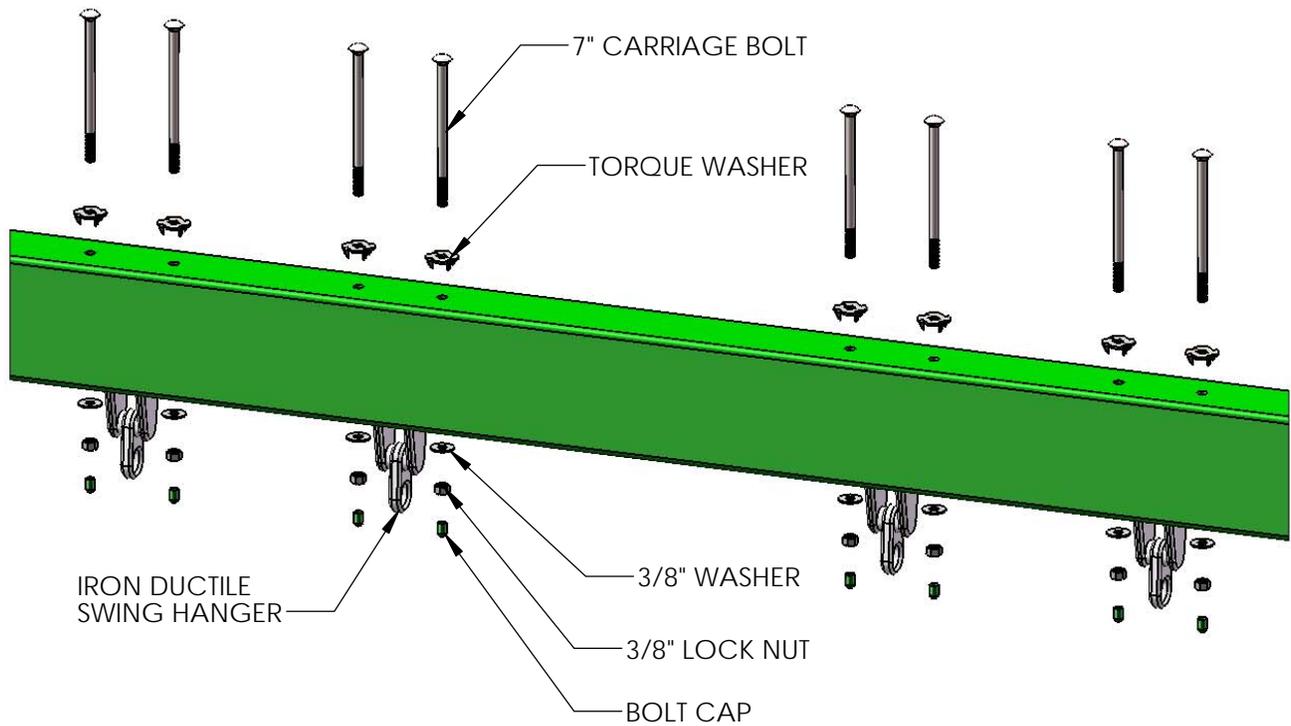
3: LEAVE THE MIDDLE HOLE EMPTY, IT WILL BE USED LATER.

4: IF NECESSARY USE VISE GRIPS TO HOLD CARRIAGE BOLTS IN PLACE WHEN INSTALLING.



STEP 22: IRON DUCTILES

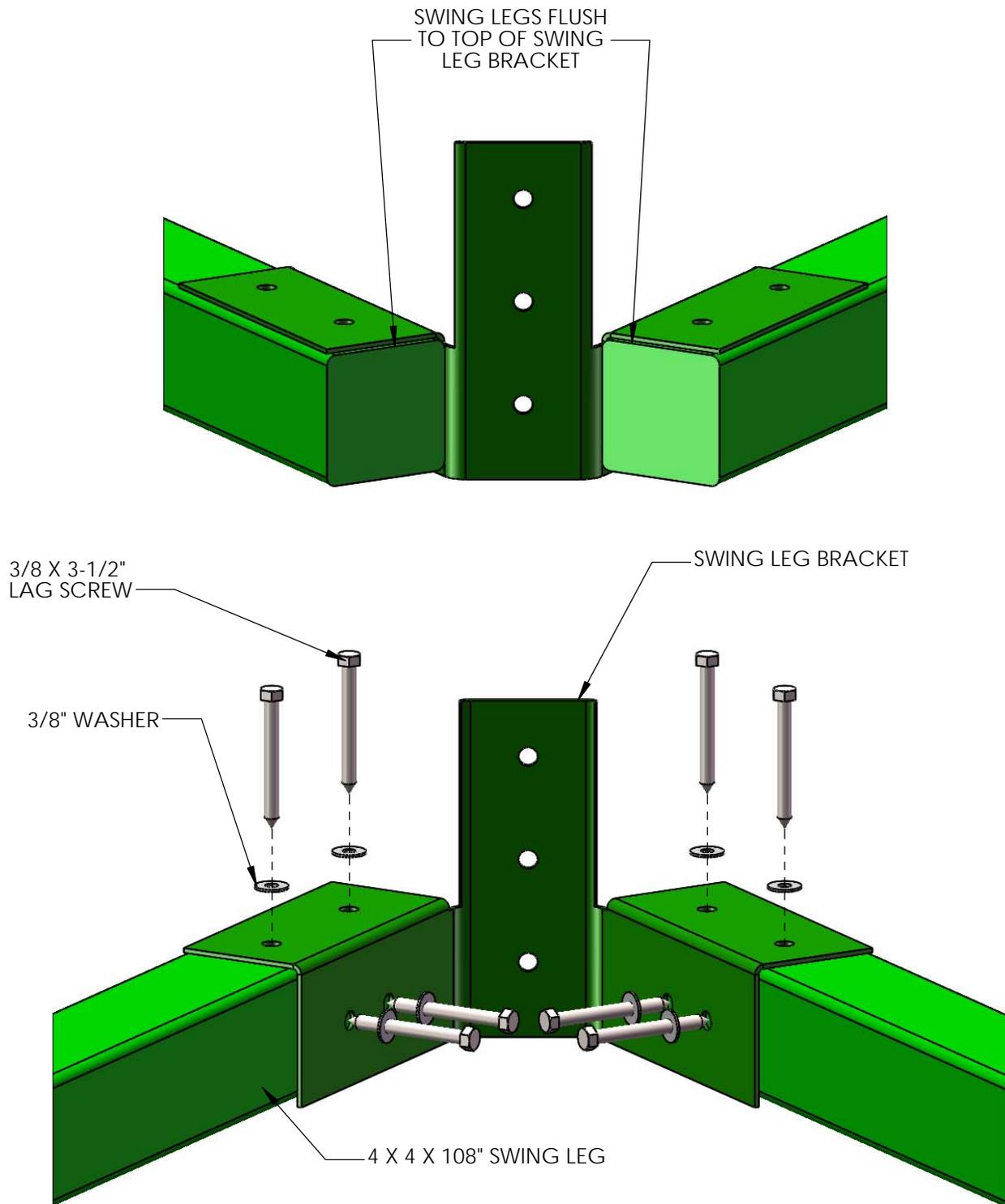
- 1: LINE UP THE HOLES OF THE IRON DUCTILES WITH THE HOLES IN THE SWING BEAM.
- 2: FASTEN THE SWING HANGER TO THE SWING BEAM USING 7" CARRIAGE BOLTS WITH TORQUE WASHERS, AND 3/8" WASHERS WITH 3/8" LOCK NUTS.
- 3: PLACE BOLT CAPS OVER EXPOSED THREADS.



STEP 23: ATTACH SWING LEGS TO BRACKET

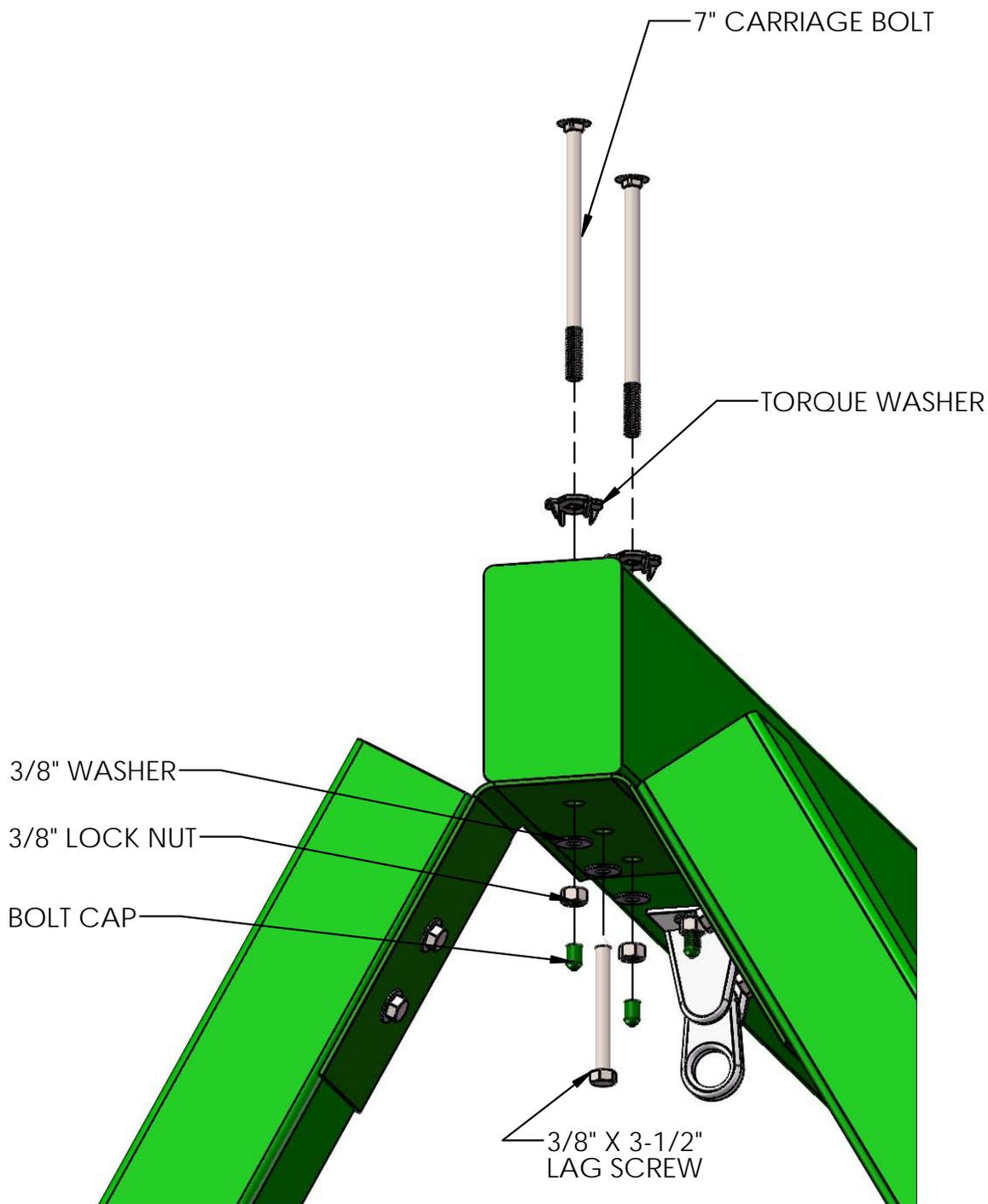
1: PLACE THE 4 X 4 X 108" SWING LEGS FLUSH TO THE TOP OF THE SWING LEG BRACKET.

2: FASTEN THE SWING LEGS TO THE SWING LEG BRACKET WITH 3/8 X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



STEP 24: MOUNT SWING BEAM TO SWING BEAM LEGS

- 1: FASTEN THE SWING BEAM TO THE SWING BEAM BRACKET USING 7" CARRIAGE BOLTS WITH TORQUE WASHERS ON TOP OF THE SWING BEAM, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH.
- 2: USE A 3/8" X 3-1/2" LAG SCREW WITH 3/8" WASHER FOR THE HOLE IN THE CENTER OF THE SWING BEAM BRACKET.
- 3: PLACE A BOLT CAP OVER ANY EXPOSED THREADS.



STEP 25: MOUNT SWING BEAM TO FORT

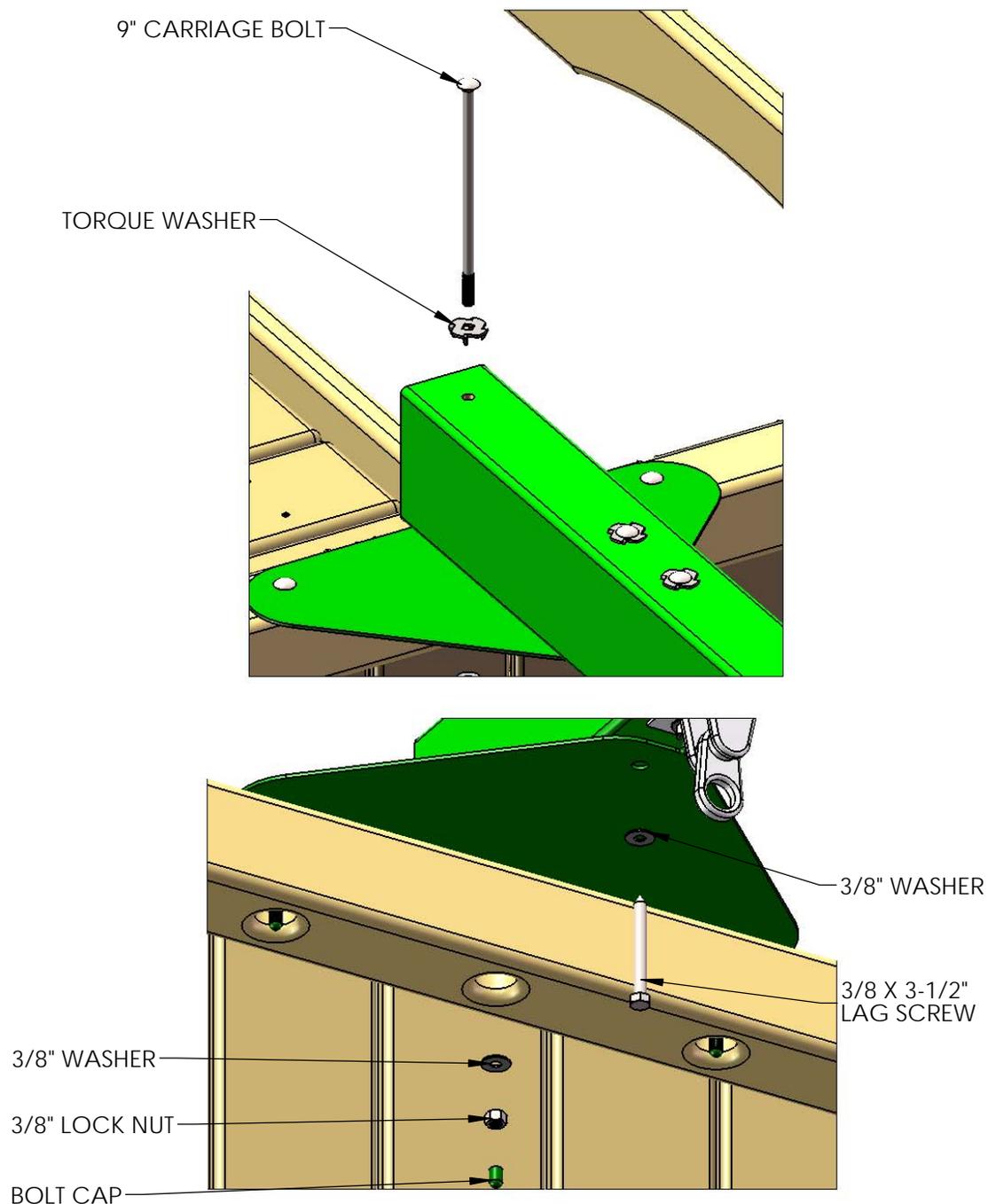
AN EXTRA PERSON IS NEEDED FOR THIS STEP.

1: HAVE ONE PERSON WALK THE SWING BEAM OUT TO THE END OF THE FORT FROM INSIDE THE FORT WHILE THE OTHER PERSON CARRIES IT BY THE LEGS.

2: LINE UP THE PILOT HOLES AT THE END OF THE SWING BEAM WITH THE MIDDLE HOLES ON THE SWING BEAM PLATE.

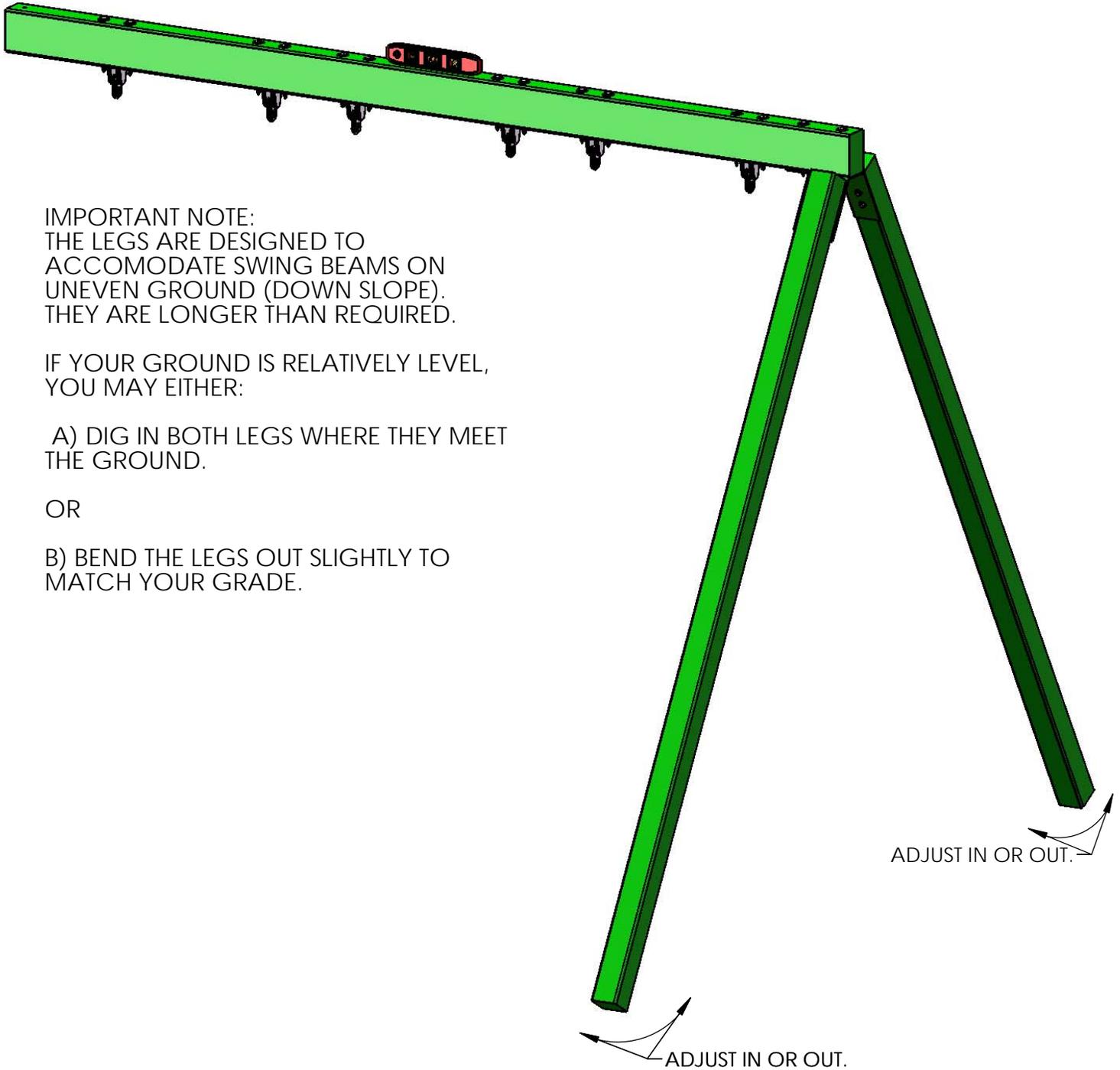
3: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE AND SWING BEAM SUPPORT USING A 9" CARRIAGE BOLT WITH A TORQUE WASHER ON TOP, AND A 3/8" LOCK NUT AND WASHER ON THE BOTTOM. PLACE BOLT CAPS OVER EXPOSED THREADS AFTER SECURING.

4: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE FROM UNDERNEATH WITH A 3/8 X 3-1/2" LAG SCREW AND 3/8" WASHER.



STEP 26: LEVEL SWING BEAM

1: PLACE A LEVEL ON TOP OF THE SWING BEAM AND ADJUST THE BEAM LEGS IN OR OUT AS NEEDED TO MAKE THE SWING BEAM LEVEL.



IMPORTANT NOTE:
THE LEGS ARE DESIGNED TO
ACCOMODATE SWING BEAMS ON
UNEVEN GROUND (DOWN SLOPE).
THEY ARE LONGER THAN REQUIRED.

IF YOUR GROUND IS RELATIVELY LEVEL,
YOU MAY EITHER:

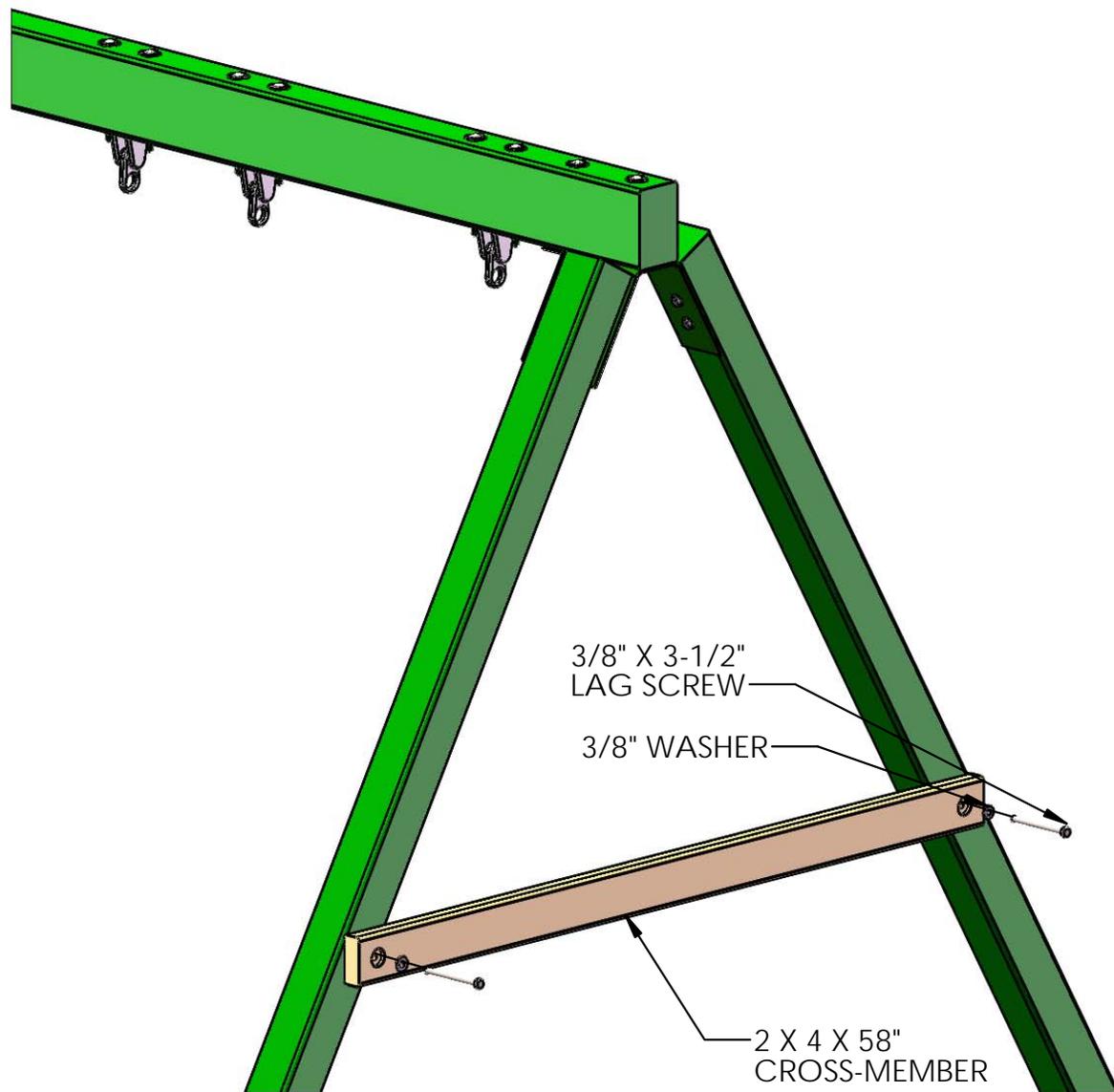
A) DIG IN BOTH LEGS WHERE THEY MEET
THE GROUND.

OR

B) BEND THE LEGS OUT SLIGHTLY TO
MATCH YOUR GRADE.

STEP 27: SWING LEG CROSS-MEMBER

- 1: POSITION THE 2 X 4 X 58" SWING LEG CROSS-MEMBER AGAINST THE SWING BEAM LEGS.
- 2: LEVEL THE CROSS-MEMBER AND MARK THE LOCATION OF THE SECURING HOLES INSIDE THE CROSS-MEMBER HOLES.
- 3: USE 3/8" X 3-1/2" LAG SCREWS WITH 3/8" WASHERS TO SECURE THE CROSS-MEMBER TO THE SWING BEAM LEGS.



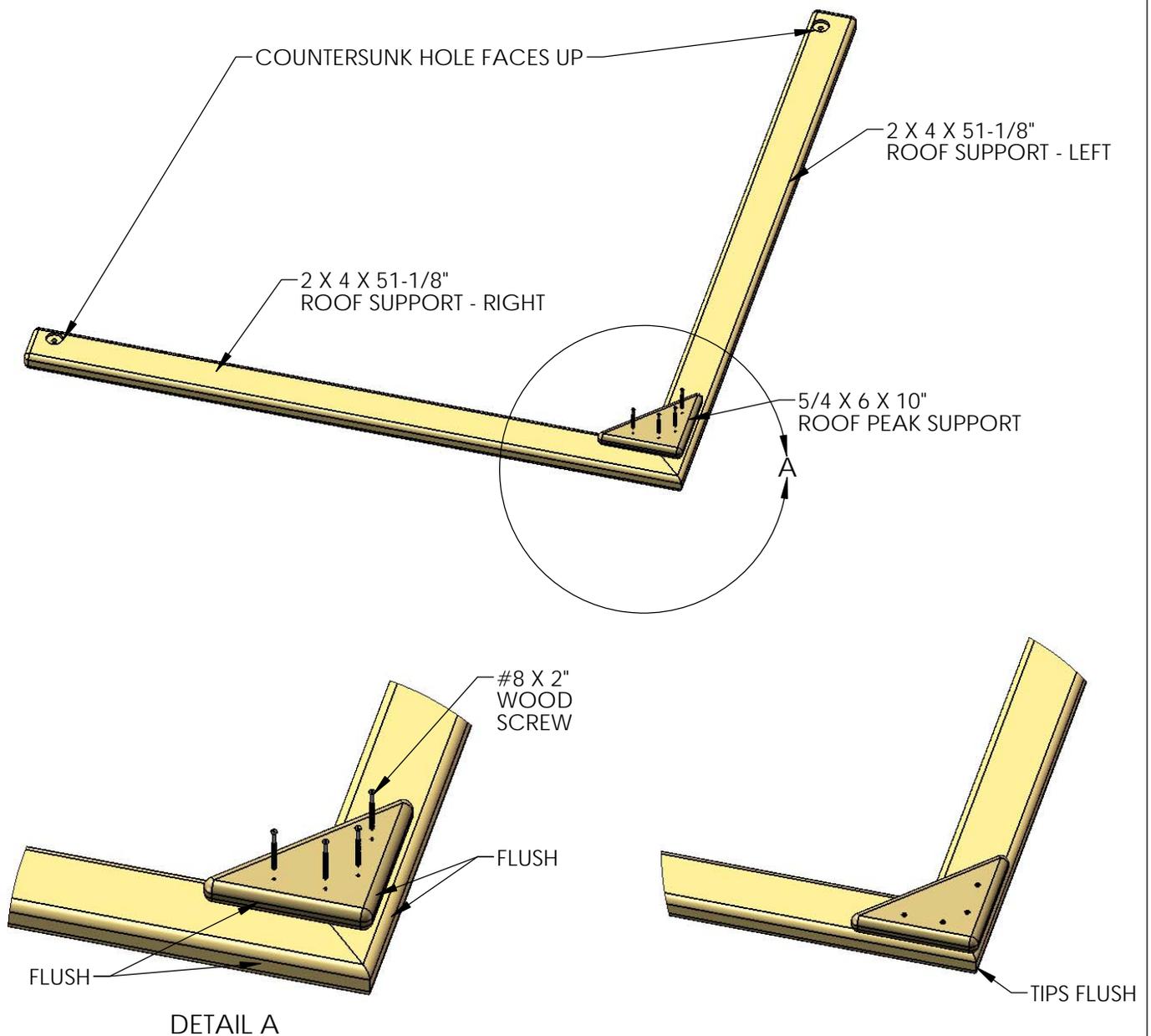
STEP 28: ROOF SUPPORT ASSEMBLIES

1: LOCATE TWO 2 X 4 X 51-1/8" ROOF SUPPORT (LEFT), TWO 2 X 4 X 51-1/8" ROOF SUPPORT (RIGHT) AND TWO 5/4 X 6 X 10" ROOF PEAK SUPPORT PIECES.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE ROOF SUPPORTS DOWN ON THE FLAT SURFACE WITH THE **COUNTERSUNK HOLES FACING UP**. ALIGN THE ANGLED ENDS OF THE ROOF SUPPORTS FLUSH WITH ONE ANOTHER. PLACE A ROOF PEAK SUPPORT ON TOP OF THE ROOF SUPPORTS AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF PEAK SUPPORT TO THE ROOF SUPPORTS AS SHOWN BELOW.

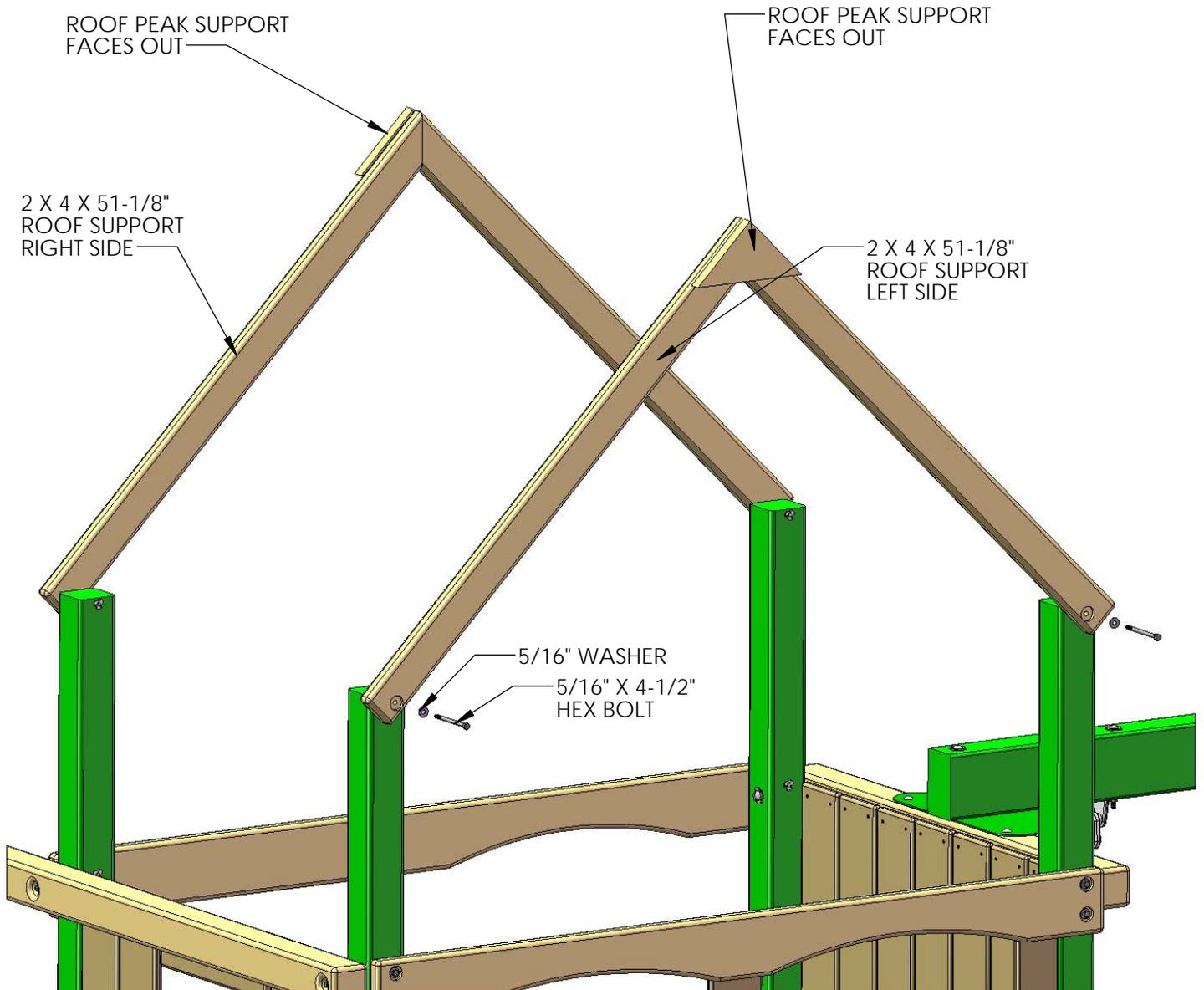
4: MAKE ONE MORE ROOF SUPPORT ASSEMBLY BY REPEATING 2 AND 3.



STEP 29: ROOF SUPPORT

1: ATTACH THE ROOF SUPPORT ASSEMBLIES TO THE FORT WITH 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS.

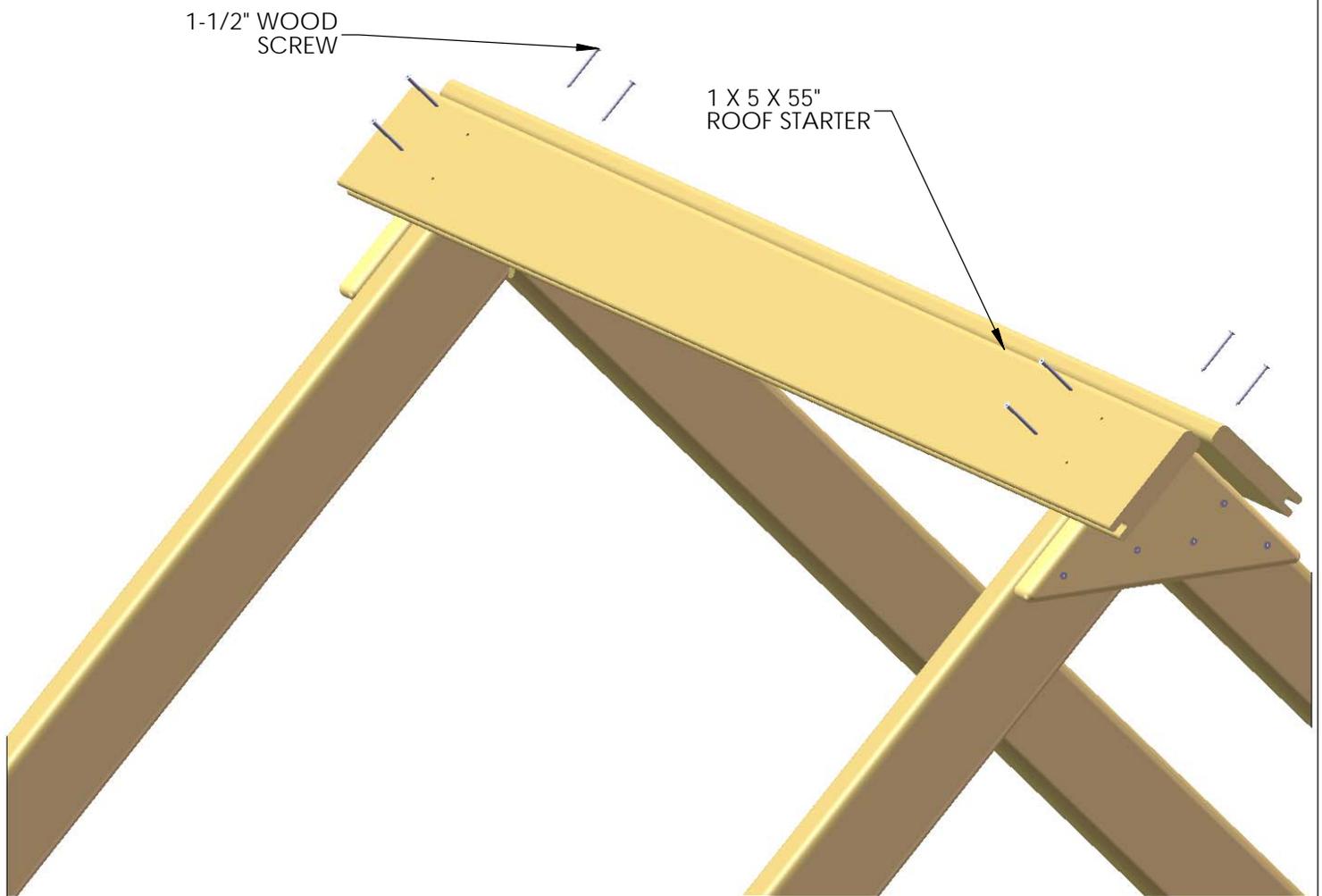
NOTE: THE ROOF PEAK SUPPORTS (TRIANGLES) SHOULD FACE OUT.



STEP 30: ROOF

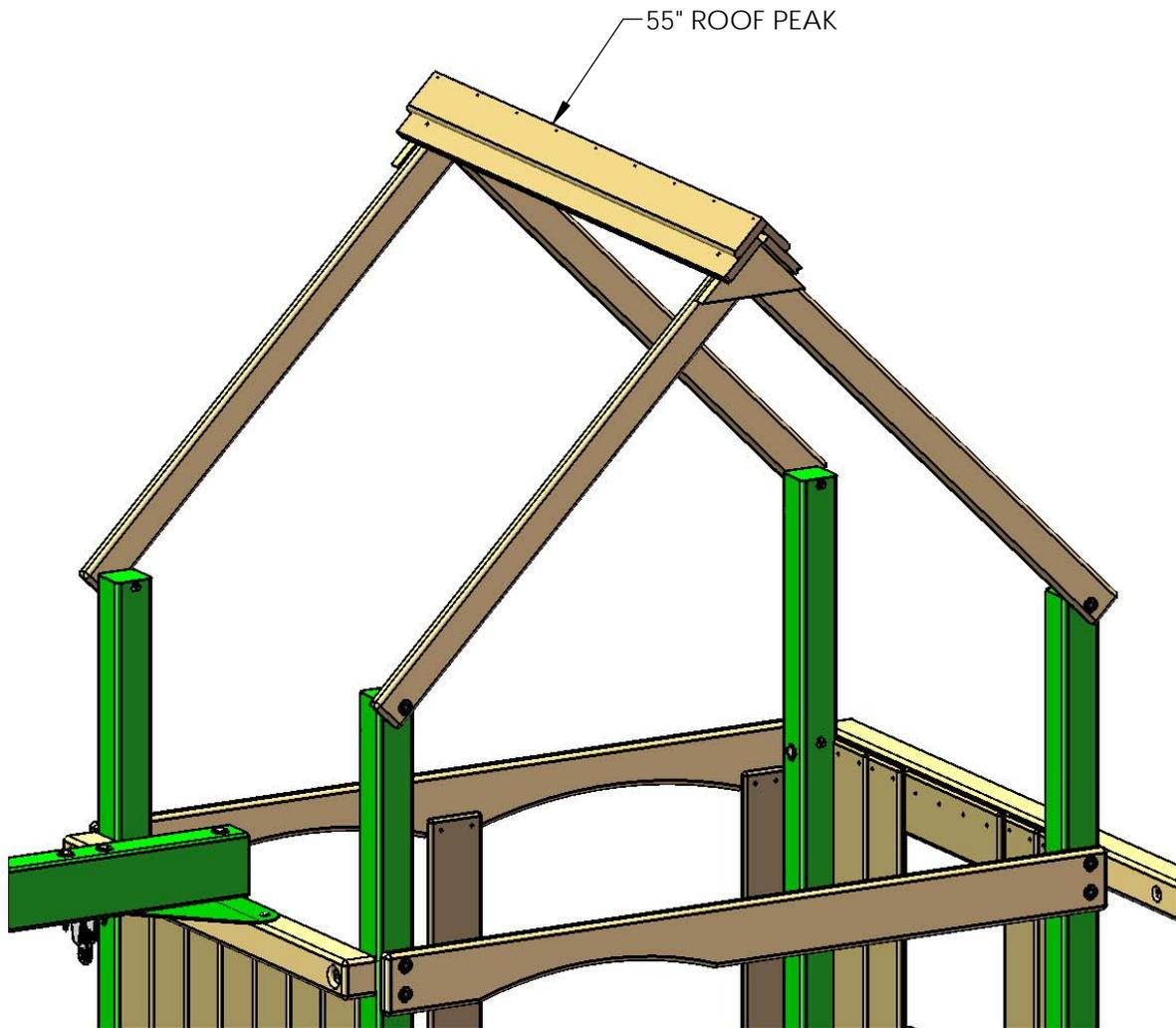
1: PLACE THE 1 X 5 X 55" GROOVE-ONLY ROOF STARTER BOARDS AT THE PEAK OF THE ROOF. THE HOLES IN THE ROOF STARTERS SHOULD BE CENTERED ON THE ROOF SUPPORTS, AND THE FLAT ENDS OF THE ROOF STARTERS SHOULD BE PLACED AS CLOSE TO EACH OTHER AS POSSIBLE WITHOUT THE BOARDS OVERLAPPING.

2: FASTEN THE ROOF STARTER BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.



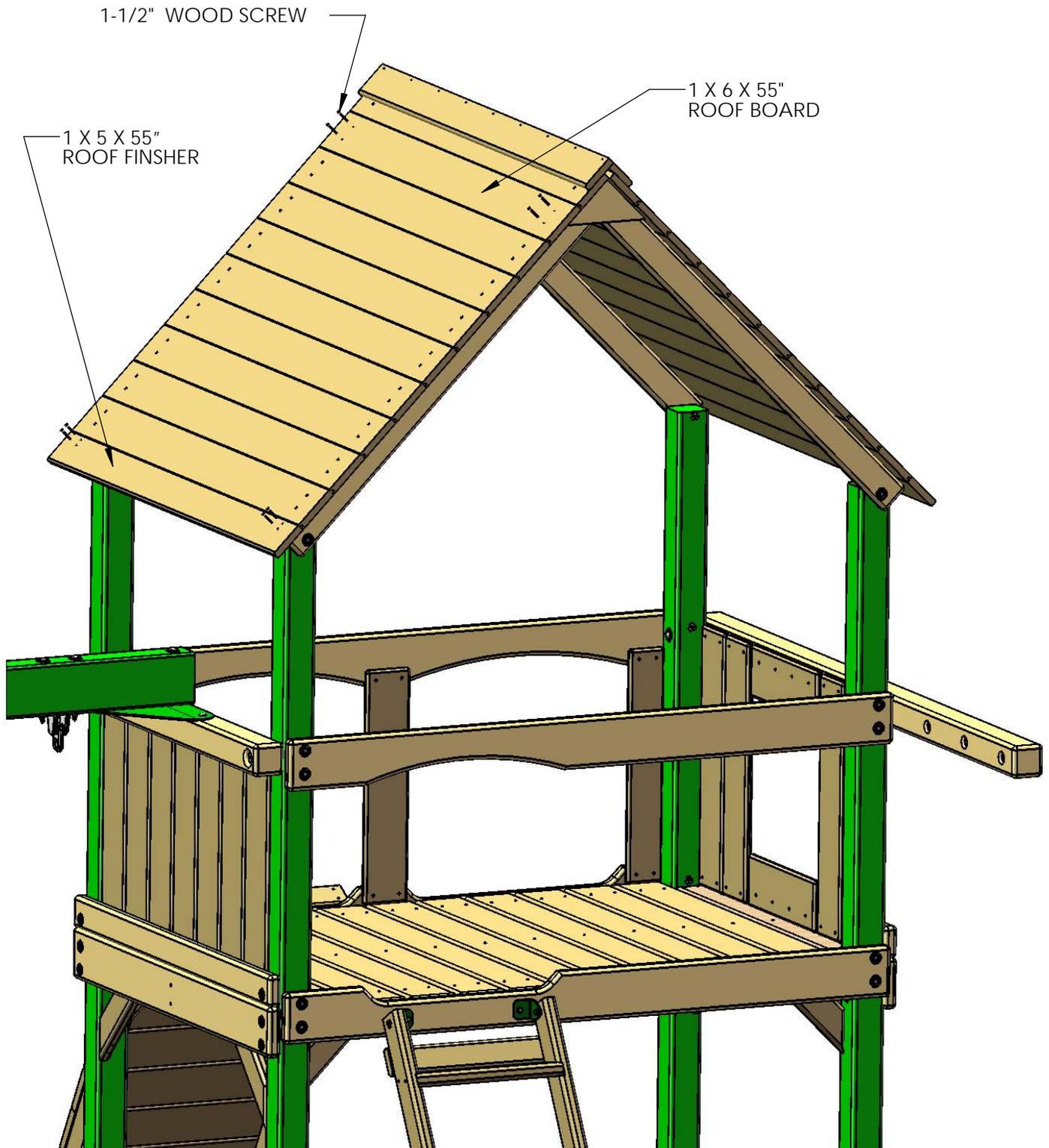
STEP 31: ROOF PEAK

- 1: PLACE THE 55" ROOF PEAK ON TOP OF THE ROOF STARTER BOARDS.
- 2: FASTEN THE ROOF PEAK TO THE ROOF STARTER BOARDS WITH EIGHT 1-1/4" WOOD SCREWS.



STEP 32: ROOF

- 1: PLACE THE 1 X 6 X 55" ROOF BOARDS ON TOP OF THE ROOF SUPPORTS, FITTING THE TONGUE INTO THE GROOVE END OF THE ROOF STARTERS. EACH SIDE OF THE ROOF GETS NINE ROOF BOARDS.
2. FASTEN THE ROOF BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.
- 3: PLACE A 1 X 5 X 55" ROOF FINISHER AT THE END OF THE ROOF ASSEMBLY, AND FASTEN WITH 1-1/2" WOOD SCREWS. EACH SIDE OF THE ROOF GETS ONE ROOF FINISHER.
- 4: REPEAT SUBSTEPS 1-3 FOR THE OTHER SIDE OF THE ROOF.



STEP 33: SUNBURST BOARD

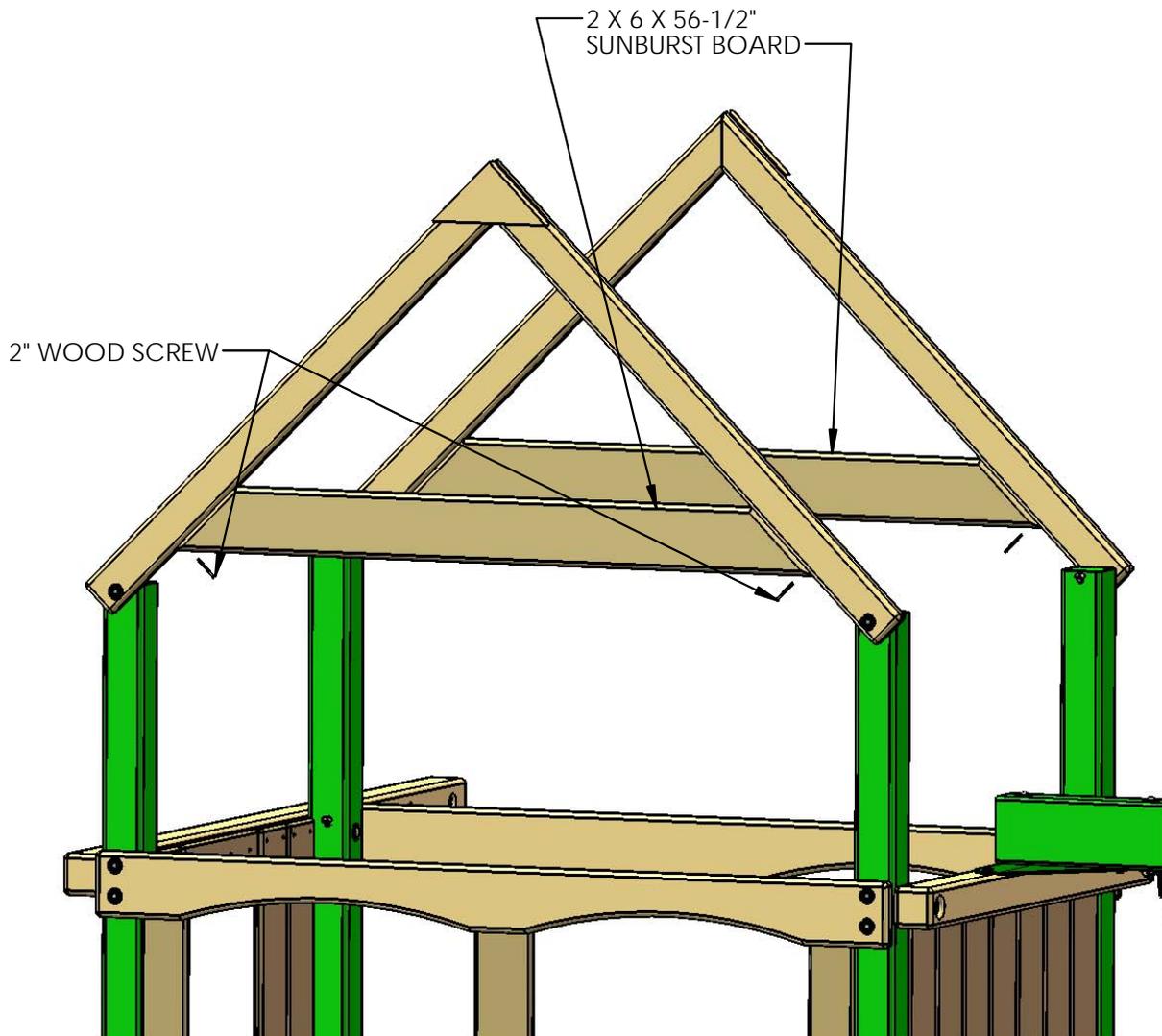
1: FIND TWO 2 X 6 X 56-1/2" SUNBURST BOARDS.

2: PRE-DRILL A HOLE ON BOTH ENDS OF THE BOARD AT A 45 DEGREE ANGLE THROUGH THE BOARD AT 1-1/4" FROM THE END OF THE BOARD WITH A 1/8" DRILL BIT.

3: PLACE BOARD IN BETWEEN THE ROOF SUPPORTS.

4: INSTALL USING 2" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.



STEP 34: BOTTOM SUNBURST BOARD

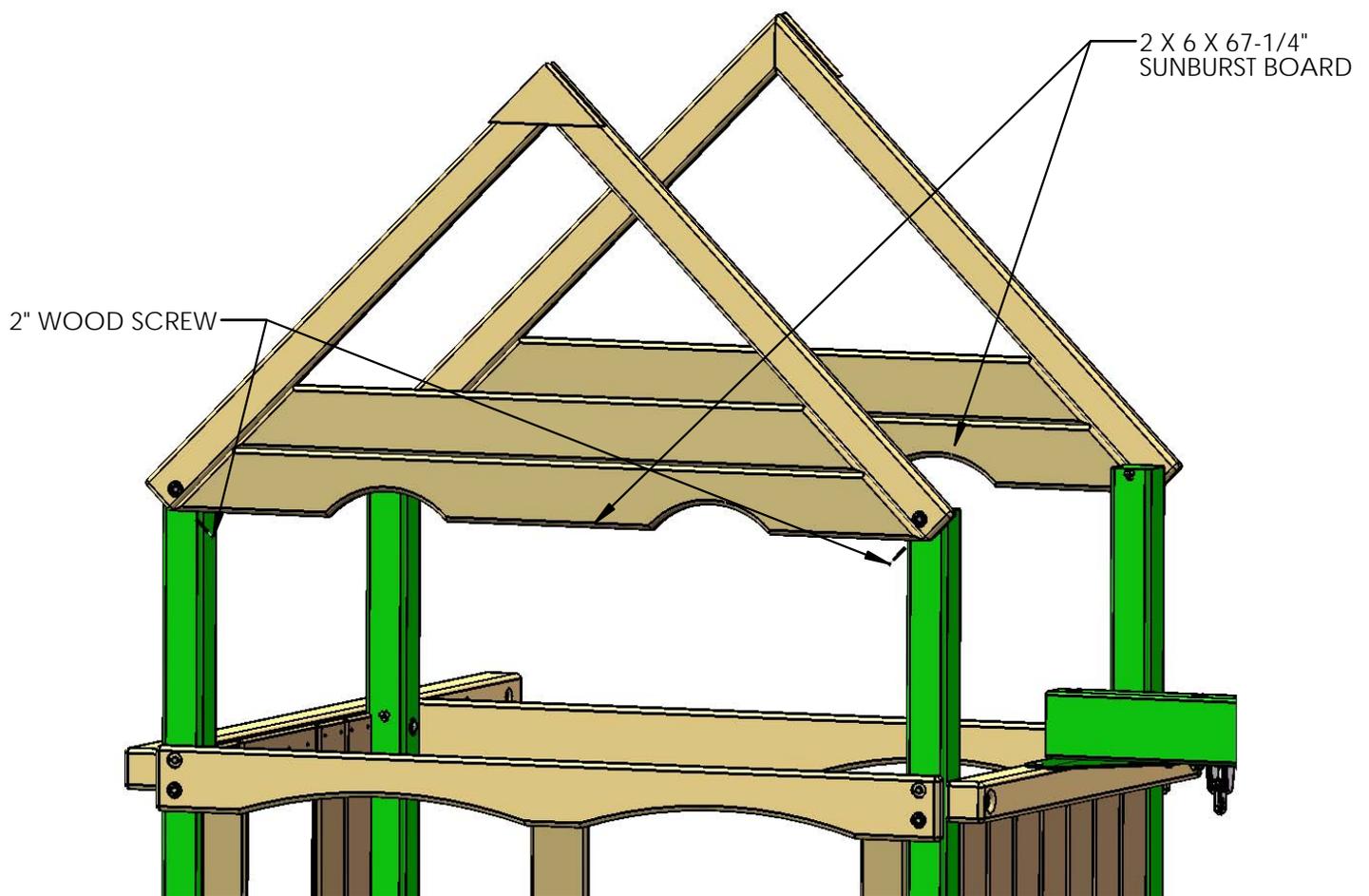
1: FIND TWO 2 X 6 X 67-1/4" SUNBURST BOARDS.

2: PRE-DRILL A HOLE ON BOTH ENDS OF THE BOARD AT A 45 DEGREE ANGLE THROUGH THE BOARD AT 1-1/4" FROM THE END OF THE BOARD WITH A 1/8" DRILL BIT.

3: PLACE BOARD IN BETWEEN THE ROOF SUPPORTS.

4: INSTALL USING 2" WOOD SCREWS.

ROOF BOARDS REMOVED FOR CLARITY.

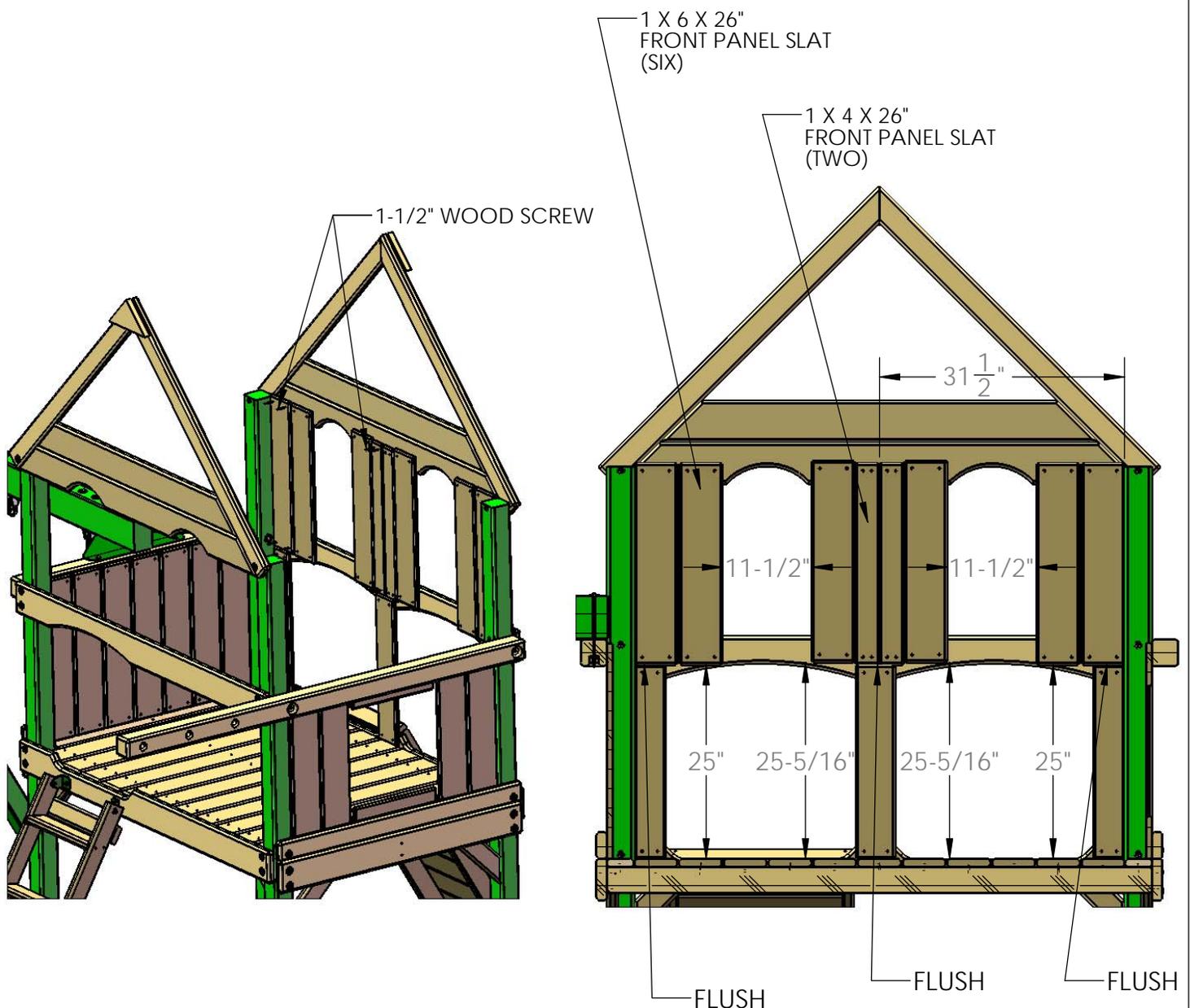


STEP 35: FRONT TOP PANEL SLATS

- 1: FIND SIX 1 X 6 X 26" AND TWO 1 X 4 X 26" FRONT PANEL SLATS.
- 2: PRE-DRILL THE SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.
- 3: INSTALL THE PANEL SLATS AT THE DIMENSIONS SHOWN ON THE DIAGRAM.
- 4: ATTACH THE SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.

ROOF PANELS REMOVED FOR CLARITY.

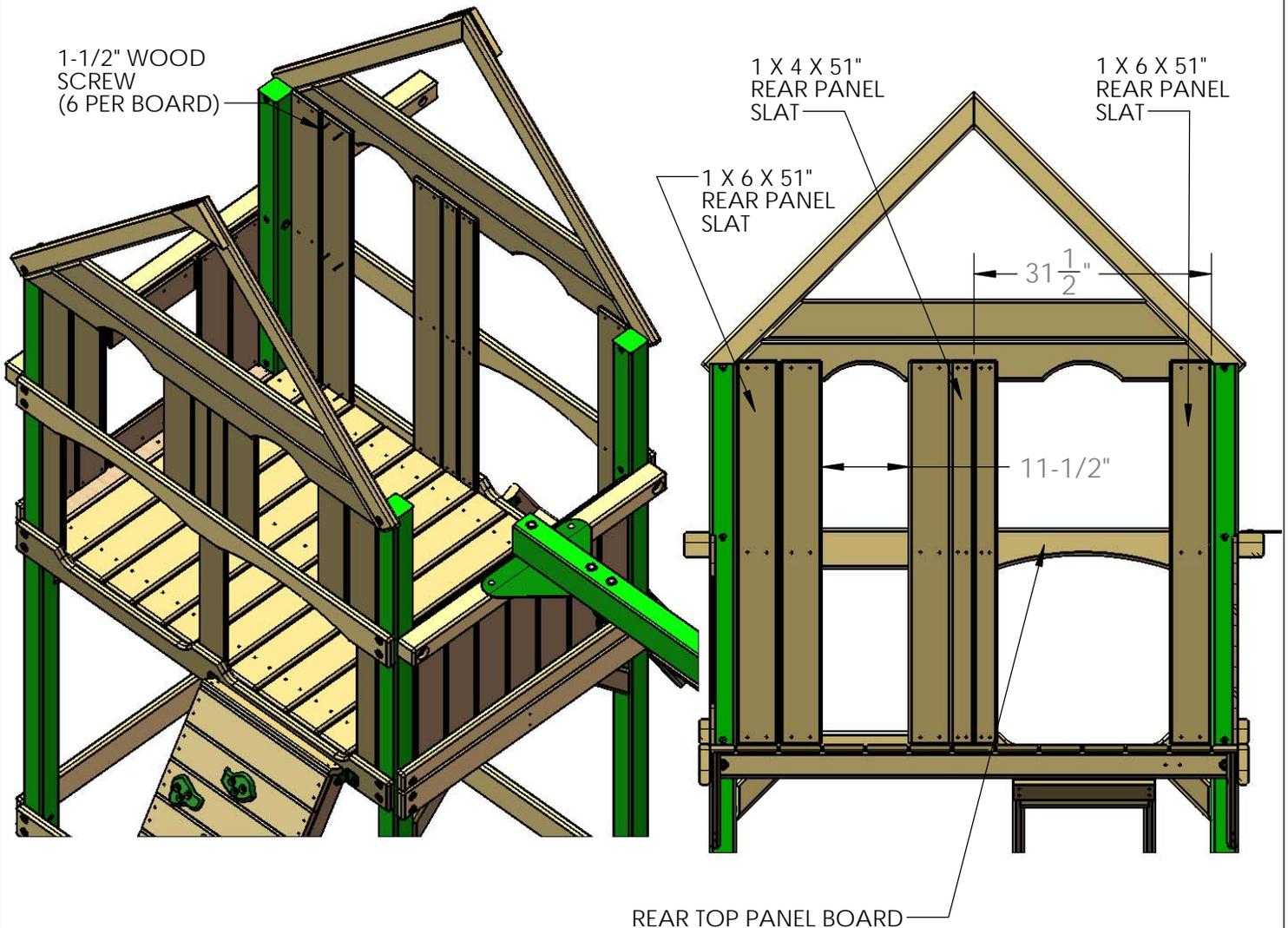
VIEW WITH DIMENSIONS IS FROM REAR OF FORT LOOKING FORWARD.



STEP 36: REAR PANEL SLATS

- 1: FIND FOUR 1 X 6 X 51" REAR PANEL SLATS AND TWO 1 X 4 X 51" REAR PANEL SLATS.
 - 2: PRE-DRILL THE SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT
 3. INSTALL THE PANEL SLATS AS SHOWN BELOW.
 - 4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.
 - 5: ONCE THE PANEL SLATS ARE INSTALLED DRILL TWO HOLES IN THE MIDDLE OF EACH SLAT AND ATTACH TO THE REAR TOP PANEL BOARD WITH 1-1/2" WOOD SCREWS.
- ROOF PANELS REMOVED FOR CLARITY.

VIEW WITH DIMENSIONS IS FROM FRONT OF FORT LOOKING TOWARDS REAR.

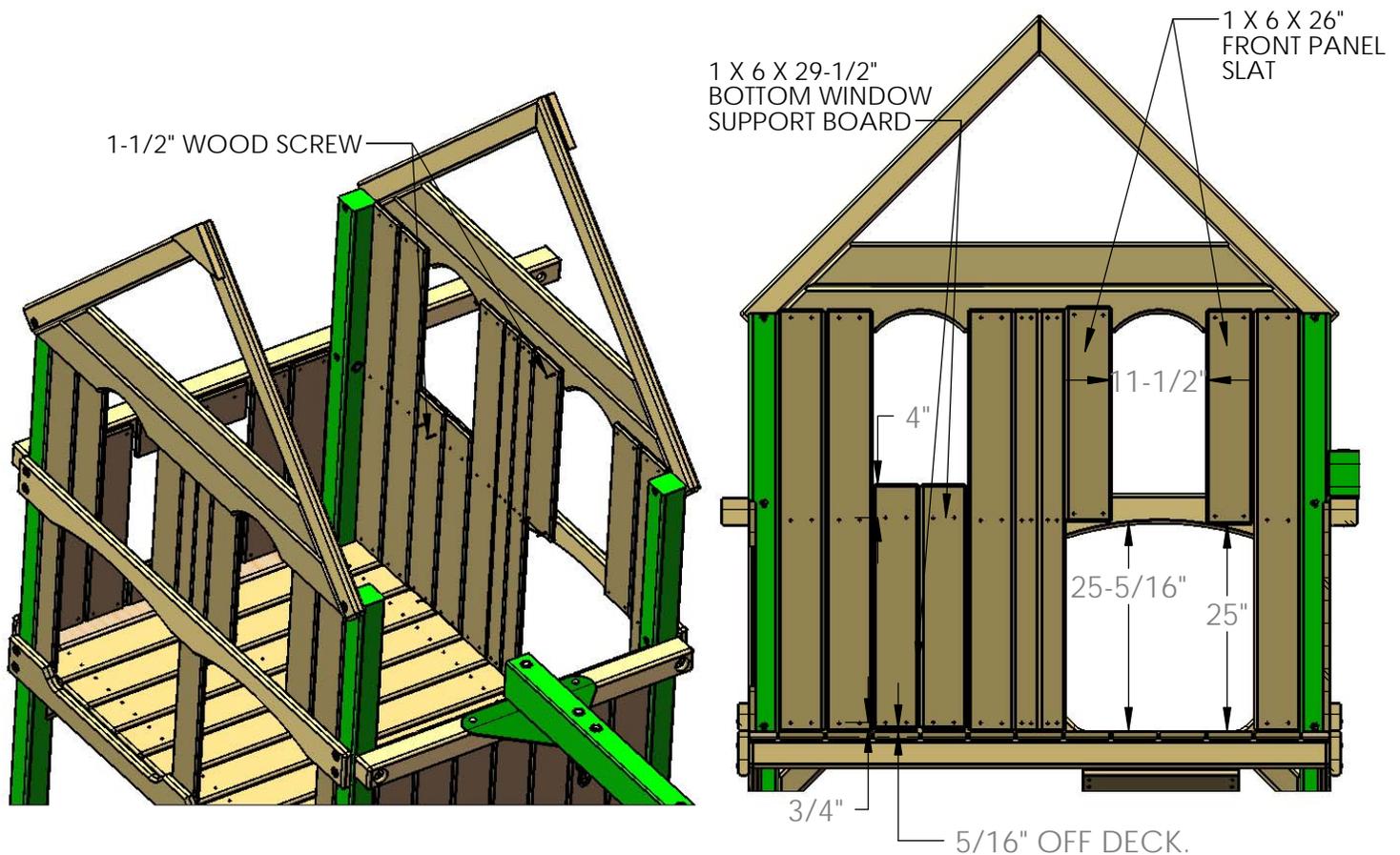


STEP 37: FINAL REAR PANEL BOARDS

- 1: FIND TWO 1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT BOARDS AND TWO 1 X 6 X 26" FRONT PANEL SLATS.
- 2: PRE-DRILL THE 1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT BOARDS 3/4" FROM THE BOTTOM END AND 4" FROM THE TOP END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.
- 3: INSTALL THE BOTTOM WINDOW SUPPORT BOARDS 5/16" OFF THE DECK AND SPACE THEM EQUALLY IN THE OPENING. ATTACH THE BOARDS WITH 1-1/2" WOOD SCREWS.
- 4: PRE-DRILL THE 1 X 6 X 26" FRONT PANEL SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.
- 5: INSTALL THE LEFT 1 X 6 X 26" FRONT PANEL SLAT 25-5/16" OFF THE DECK AND ATTACH WITH 1-1/2" WOOD SCREWS. INSTALL THE RIGHT 1 X 6 X 26" FRONT PANEL SLAT 25" OFF THE DECK AND ATTACH WITH 1-1/2" WOOD SCREWS. BE SURE TO LEAVE AT LEAST AN 11-1/2" GAP BETWEEN THE SLATS AS SHOWN BELOW.

ROOF PANELS REMOVED FOR CLARITY.

VIEW WITH DIMENSIONS IS FROM FRONT OF FORT LOOKING TOWARDS REAR.



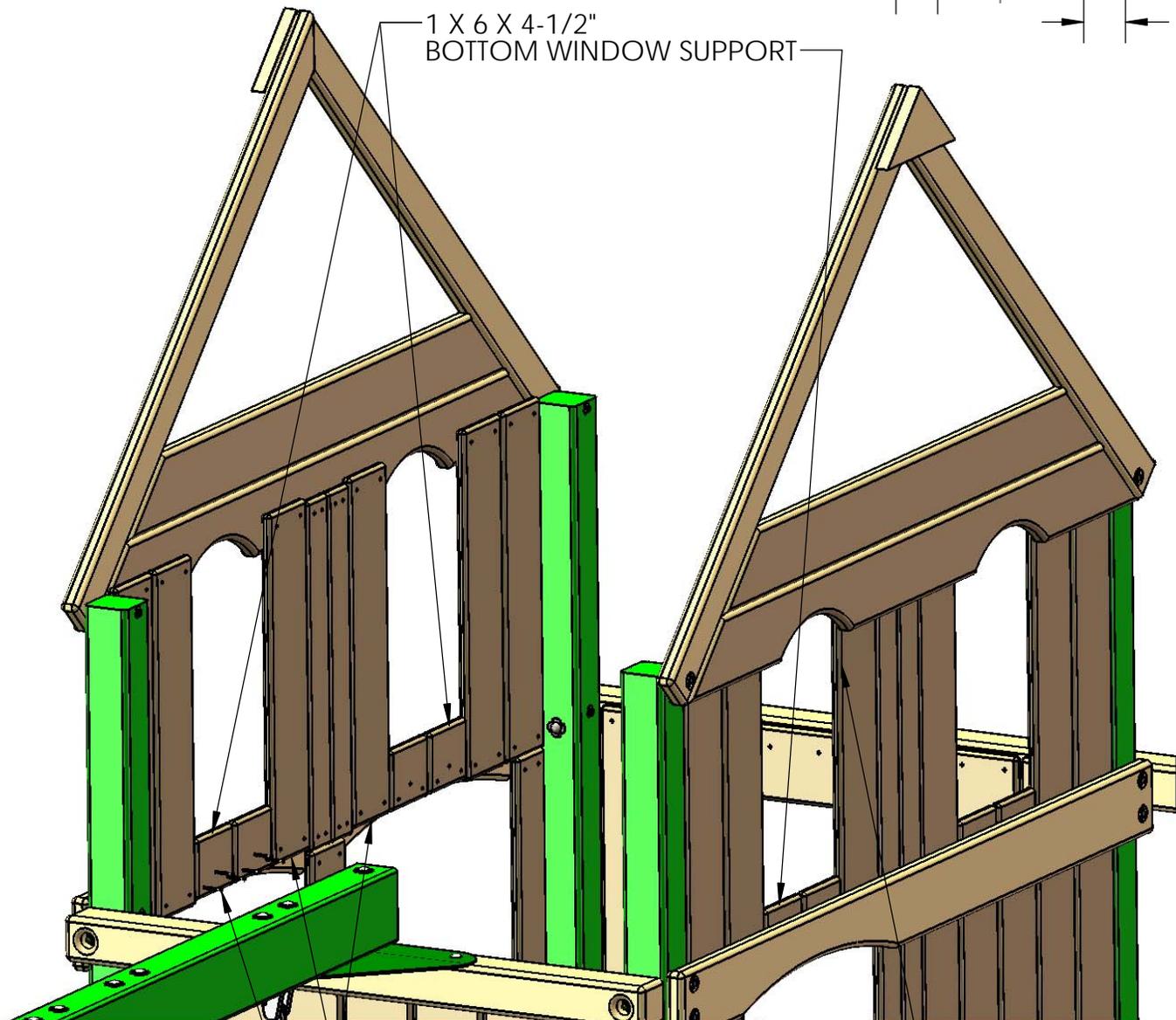
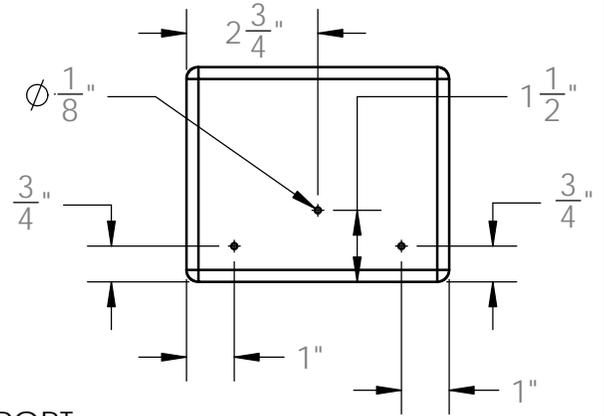
STEP 38: WINDOW SUPPORTS

1: FIND THE SIX 1 X 6 X 4-1/2" BOTTOM WINDOW SUPPORTS. PRE-DRILL THREE 1/8" HOLES IN THE BOTTOM OF EACH SUPPORT AS SHOWN IN THE DIAGRAM.

2: PLACE TWO SUPPORTS IN EACH OF THE TWO OPENINGS IN THE FRONT OF THE FORT, AND THE FINAL TWO SUPPORTS IN THE OPENING AT THE REAR OF THE FORT. THE SUPPORTS SHOULD BE FLUSH WITH THE BOTTOM OF THE CENTER MOUNTED 1 X 4 X 26" FRONT PANEL SLATS AS SHOWN BELOW.

3: ATTACH EACH SUPPORT USING THREE 1-1/2" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.



1-1/2"
WOOD SCREW

MAKE SUPPORTS FLUSH WITH BOTTOM
OF 1 X 4 X 26" FRONT PANEL SLATS.

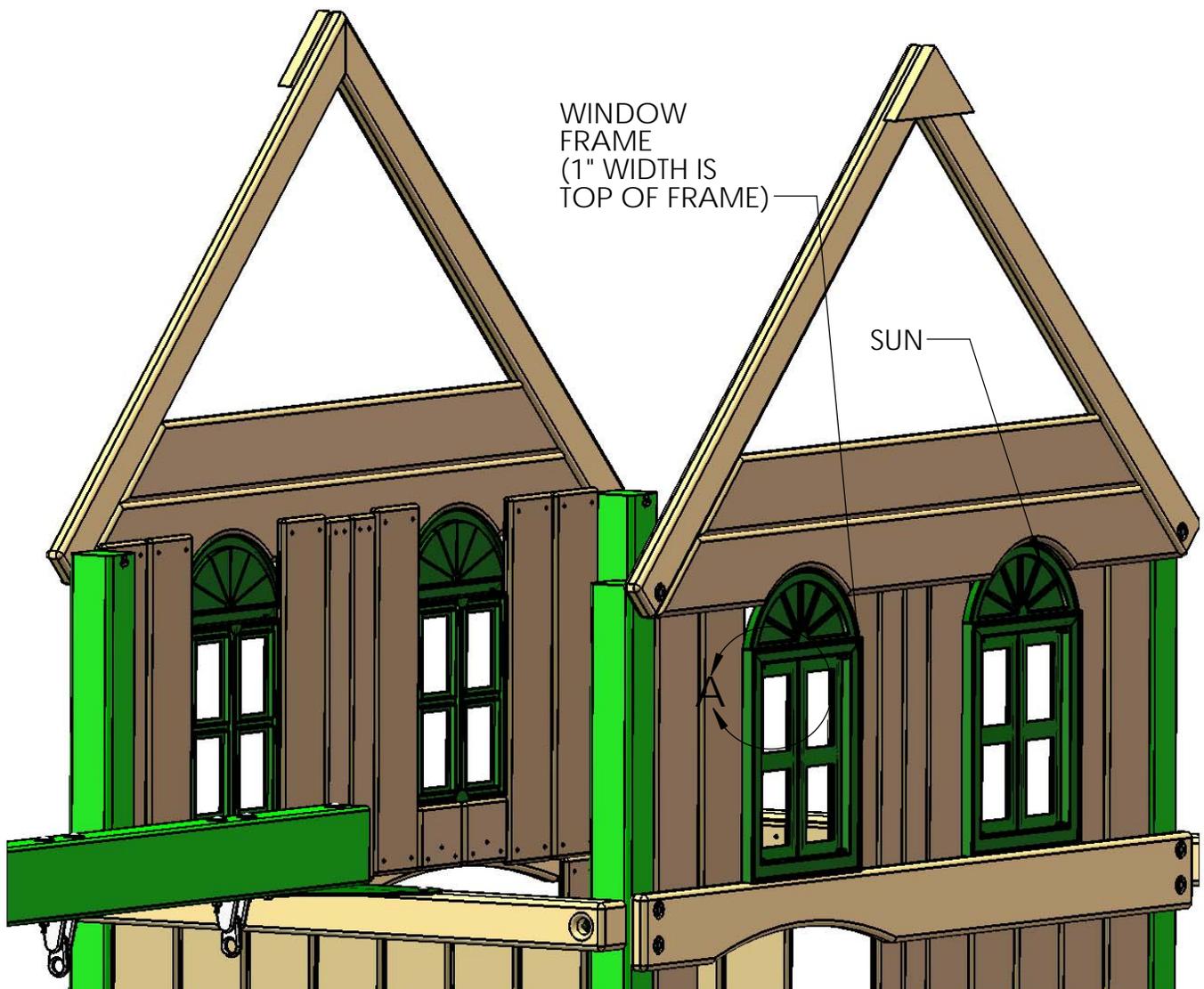
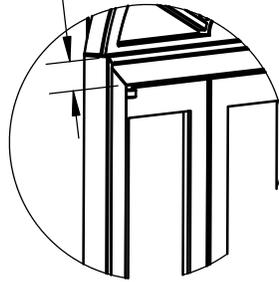
STEP 39: INSTALL WINDOWS

1: FIND FOUR WINDOW PANELS AND FOUR SUN PIECES. PLACE EACH WINDOW IN THE OPENING WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. TEST FIT THE SUN PIECES ABOVE THE WINDOW FRAME (THESE WILL BE INSTALLED LATER).

2: ATTACH EACH WINDOW WITH FOUR #8 X 1-1/4" WOOD SCREWS.

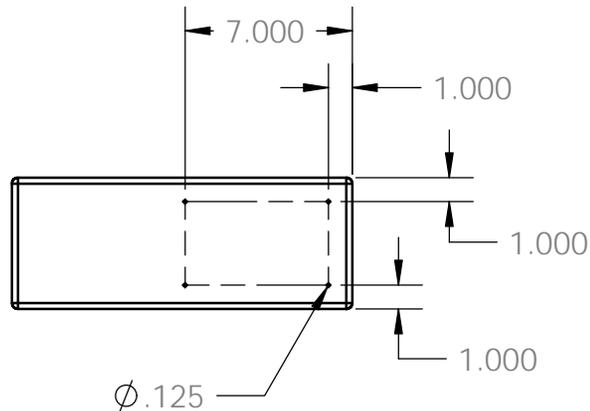
ROOF PANELS REMOVED FOR CLARITY.

TOP OF FRAME IS 1"



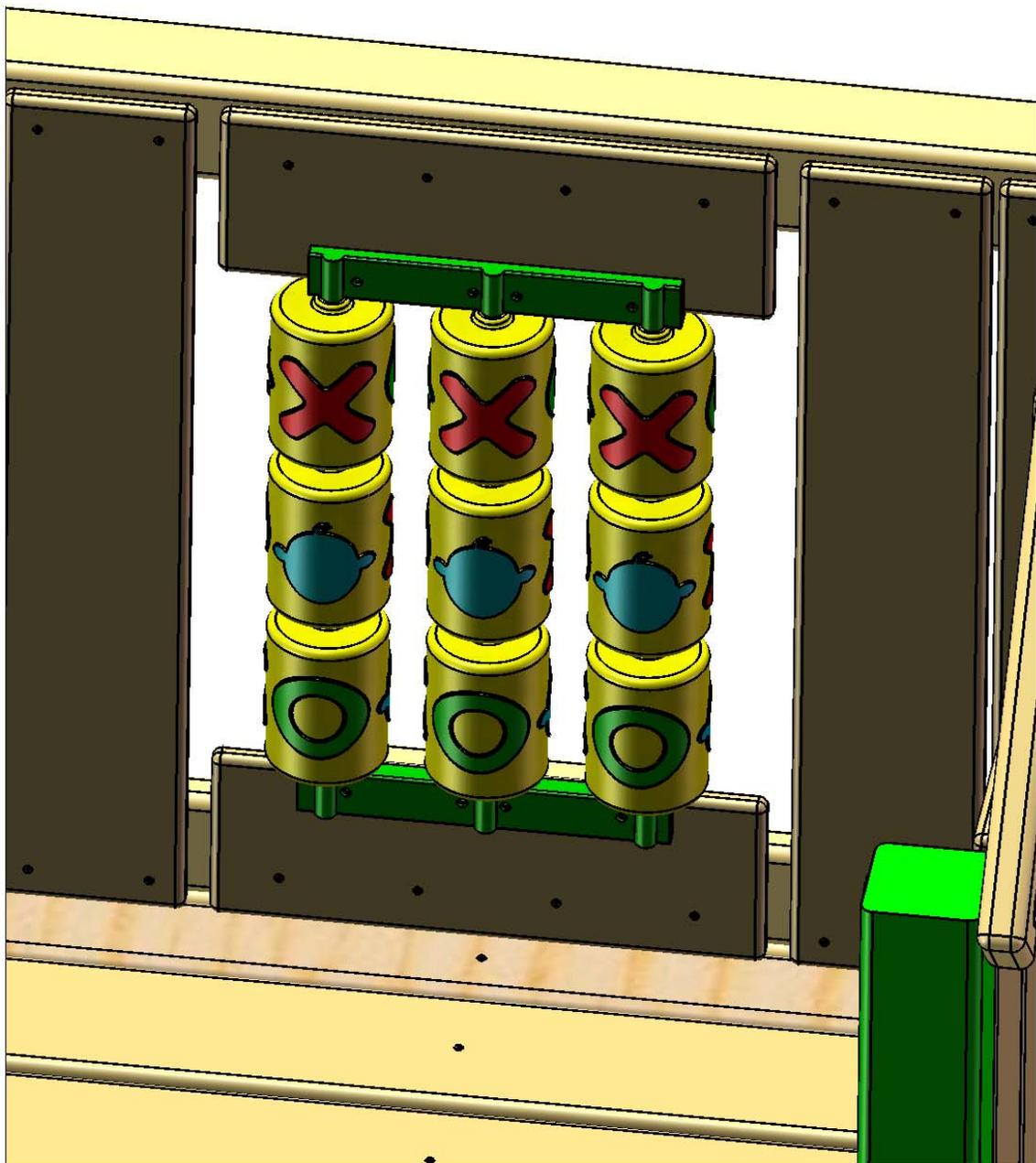
STEP 40: INSTALL PANEL SLATS AND SUN PIECES

- 1: FIND EIGHT 1 X 6 X 14-1/4" FRONT PANEL SLATS AND EIGHT SUN PIECES.
 - 2: PRE-DRILL EACH SLAT WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOW BELOW.
 - 3: ATTACH THE PANEL SLATS AS SHOWN BELOW WITH THE BOTTOM OF THE SLAT RESTING UPON THE INSIDE FLANGE OF THE WINDOW FRAME.
 - 4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.
 - 5: ATTACH FOUR MORE PANEL SLATS ON THE REAR SIDE.
 - 6: ATTACH ONE SUN PIECE TO THE PANEL SLATS WITH TWO #8 X 1" WOOD SCREWS ABOVE EACH WINDOW.
- ROOF PANELS REMOVED FOR CLARITY.



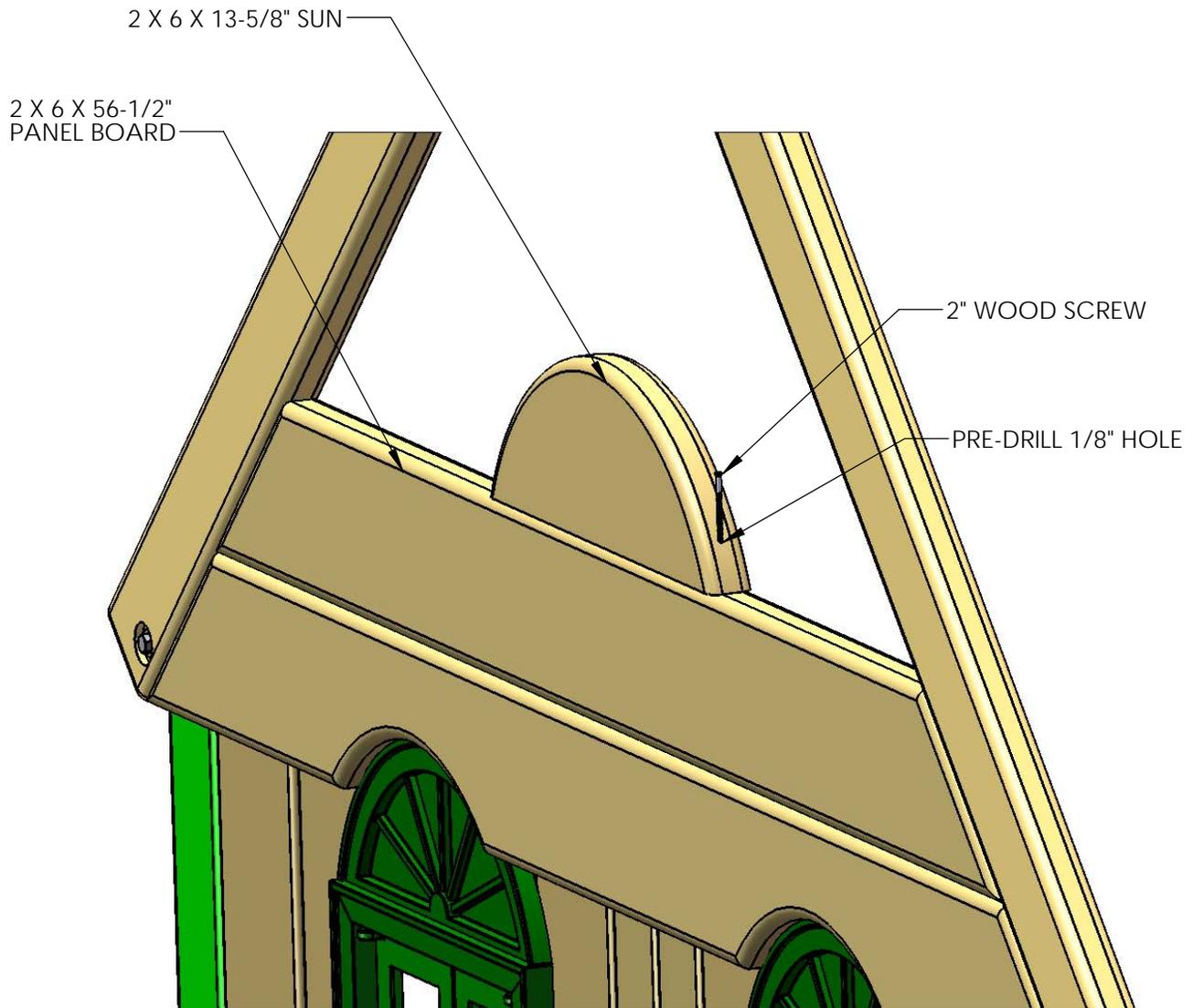
STEP 41: TIC TAC TOE PANEL

- 1: ASSEMBLE THE TIC TAC TOE PANEL ACCORDING TO THE INSTRUCTIONS IN THE BOX. DISREGARD STEPS 6 & 7.
- 2: CENTER THE TIC TAC TOE PANEL BETWEEN THE SUPPORTS ON THE SIDE WALL AND ATTACH WITH EIGHT 1" WOOD SCREWS PROVIDED IN THE TIC TAC TOE BOX.



STEP 42: SUNBURST

- 1: PRE-DRILL TWO 1/8" HOLES IN EACH SUN. THE HOLES WILL BE DRILLED NEAR THE OUTER EDGE ON EACH SIDE GOING STRAIGHT DOWN.
- 2: CENTER SUN ON THE PANEL BOARD AND ATTACH USING TWO 2" WOOD SCREWS.
- 3: REPEAT FOR OTHER SIDE OF FORT.



STEP 43: SUNBURST

1: LOCATE TWO 5/4 X 2 X 23" LARGE RAYS, TWO 5/4 X 2 X 16" SMALL RAYS AND TWO 5/4 X 2 X 18" SMALL RAYS.

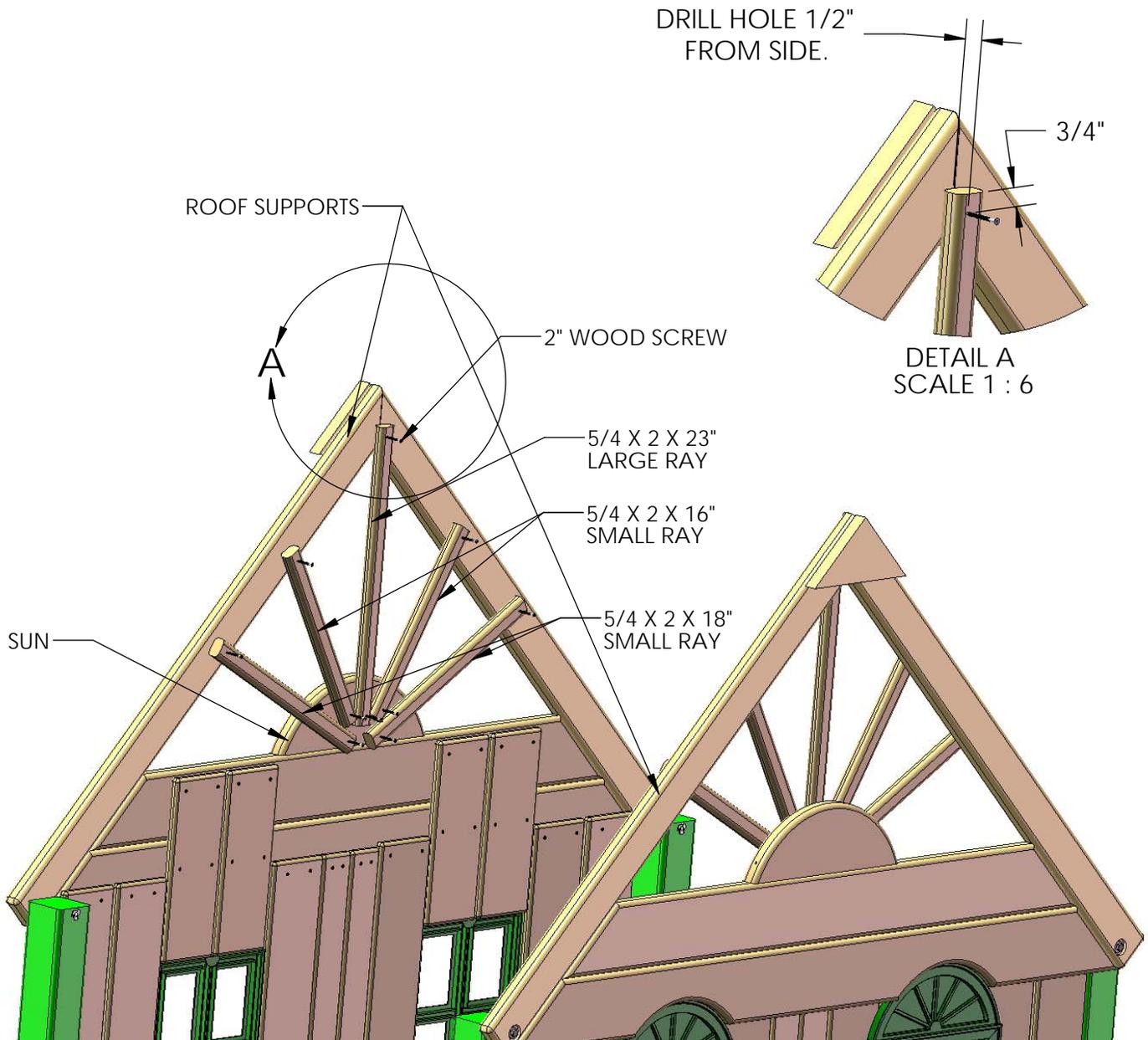
2: PRE-DRILL ALL SMALL RAYS AT 3/4" ON CENTER FROM EACH END WITH A 1/8" DRILL BIT.

PRE-DRILL ALL LARGE RAYS 3/4" ON CENTER FROM THE BOTTOM END WITH A 1/8" DRILL BIT. PRE-DRILL THE TOP END 3/4" FROM THE TOP END AND 1/2" FROM THE SIDE WITH A 1/8" DRILL BIT. (SEE DETAIL A) THIS IS NECESSARY TO AVOID HITTING THE JOINT WHERE THE ROOF SUPPORTS MEET.

3: CENTER THE 5/4 X 2 X 23" LARGE SUNRAY ONTO THE SUN AND THE ROOF SUPPORT BOARDS AND FASTEN WITH TWO 2" SCREWS.

4: EQUALLY SPACE THE SMALL RAYS ABOUT THE SUN (THREE ON EACH SIDE OF LARGE RAY) AND MARK THE POSITION OF THE SMALL RAYS WITH A PENCIL.

5: SECURE THE SMALL RAYS ONE AT A TIME TO THE SUN AND THE ROOF SUPPORTS AND LINE THEM UP WITH THE MARK DRAWN. FASTEN THE SMALL RAYS WITH TWO 2" WOOD SCREWS EACH. REPEAT ON OTHER SIDE OF FORT.



STEP 44: SUNBURST

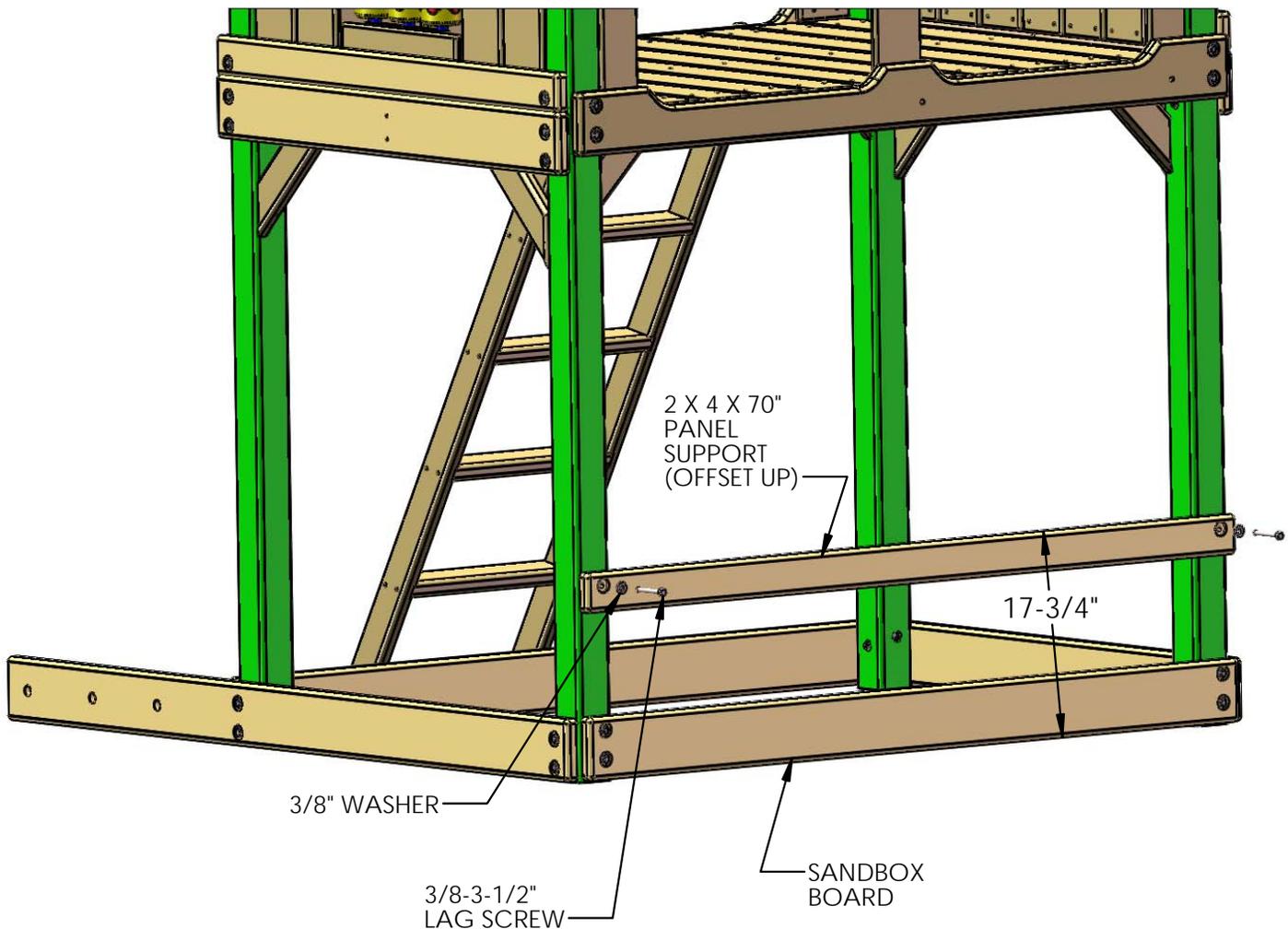
1: INSTALL SUNBURST SCREENS AS SHOWN BELOW, SO THAT IT IS FLUSH TO THE ROOF SUPPORTS. FASTEN EACH SCREEN WITH SIX 1-1/4" PAN HEAD SCREWS INTO THE GROMMETS IN THE SCREEN.



STEP 45: PANEL SUPPORT

1: MEASURE 17-3/4" FROM THE BOTTOM OF THE SANDBOX BOARD ON THE FRONT FACE OF THE FORT. MARK THESE POSITIONS ON THE OUTSIDE OF THE CORNER POSTS. LINE UP THE TOP OF THE 2 X 4 X 70" PANEL SUPPORT WITH THE MARKS. ATTACH THE 2 X 4 X 70" PANEL SUPPORT WITH "OFFSET HOLES UP" TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

NOTE: ROCK WALL OMITTED FOR CLARITY.

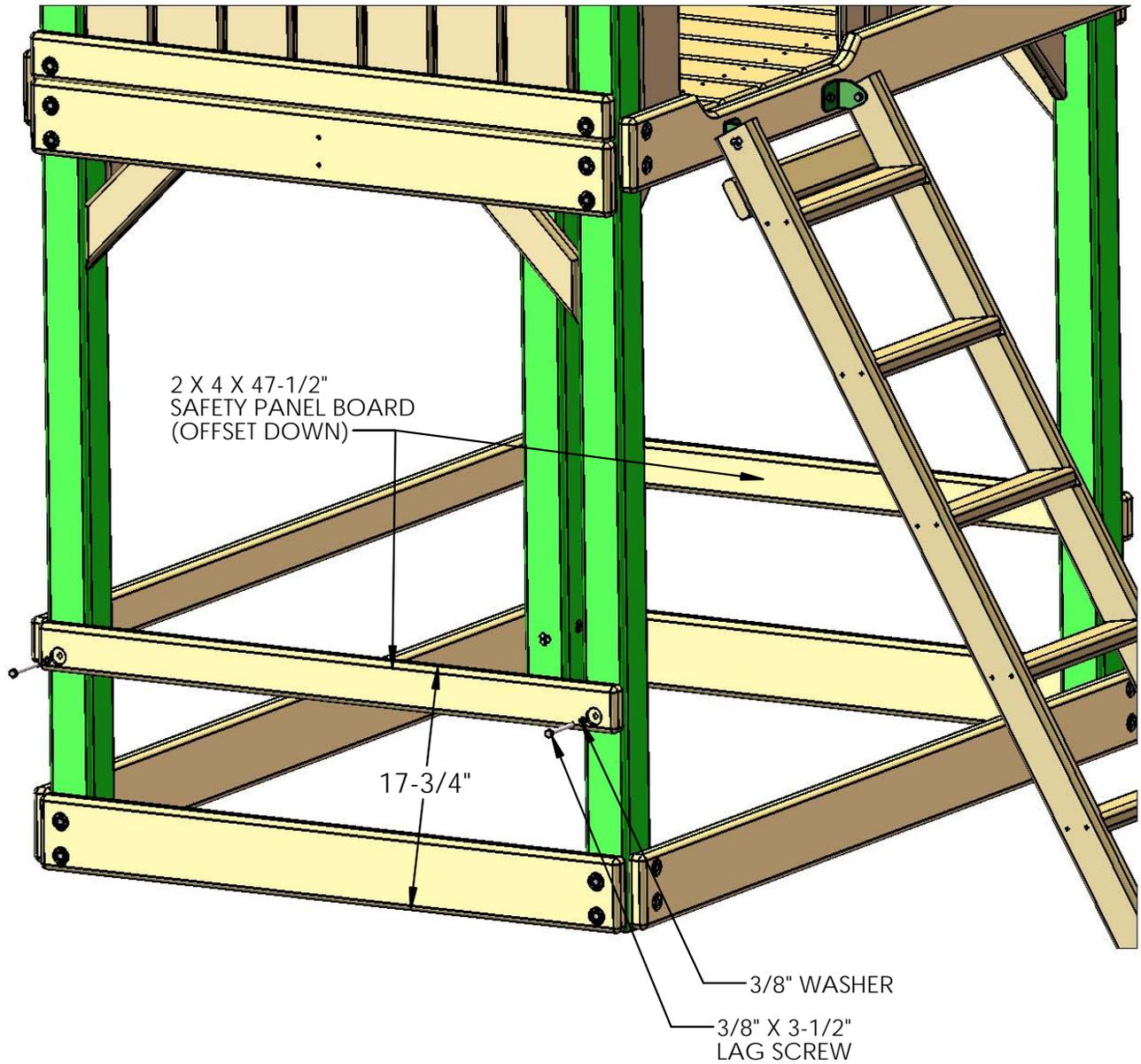


STEP 46: SAFETY BOARD

1: MEASURE 17-3/4" FROM BOTTOM OF THE SANDBOX BOARD ON THE RIGHT SIDE OF THE FORT. MARK THESE POSITIONS ON THE OUTSIDE OF THE CORNER POSTS.

2: ALIGN THE TOP OF THE SAFETY PANEL BOARD WITH THE MARKS. ATTACH THE 2 X 4 X 47-1/2" SAFETY BOARD WITH "OFFSET HOLES DOWN" TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: REPEAT SUBSTEPS 1-2 FOR THE SAFETY PANEL BOARD ON THE LEFT SIDE OF THE FORT.



STEP 47: PICNIC TABLE

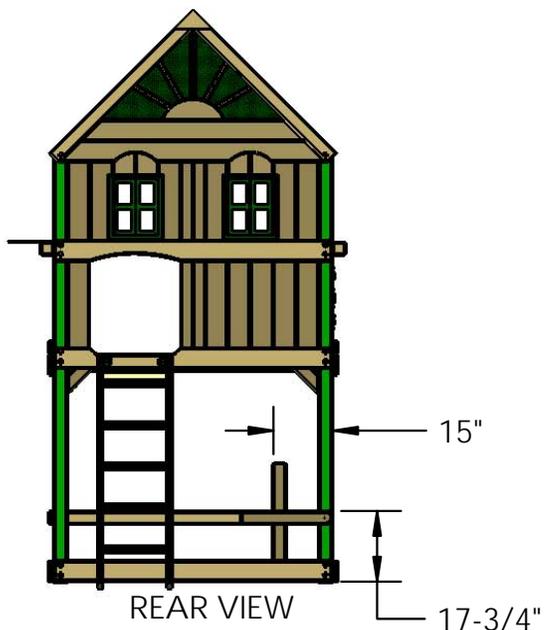
1: PLACE EACH OF THE 2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORTS 15" OVER FROM THE CORNER POSTS. (SEE REAR VIEW)

2: MAKE SURE THE PICNIC TABLE VERTICAL SUPPORTS ARE SQUARE TO THE SANDBOX BOARDS. ATTACH THEM TO THE SANDBOX BOARDS FROM THE INSIDE USING TWO 2-1/2" WOOD SCREWS. ATTACH THE PICNIC TABLE VERTICAL SUPPORT (ON FRONT OF THE PLAYSET) TO THE 2 X 4 X 70" PANEL BOARD USING THREE 2-1/2" SCREWS.

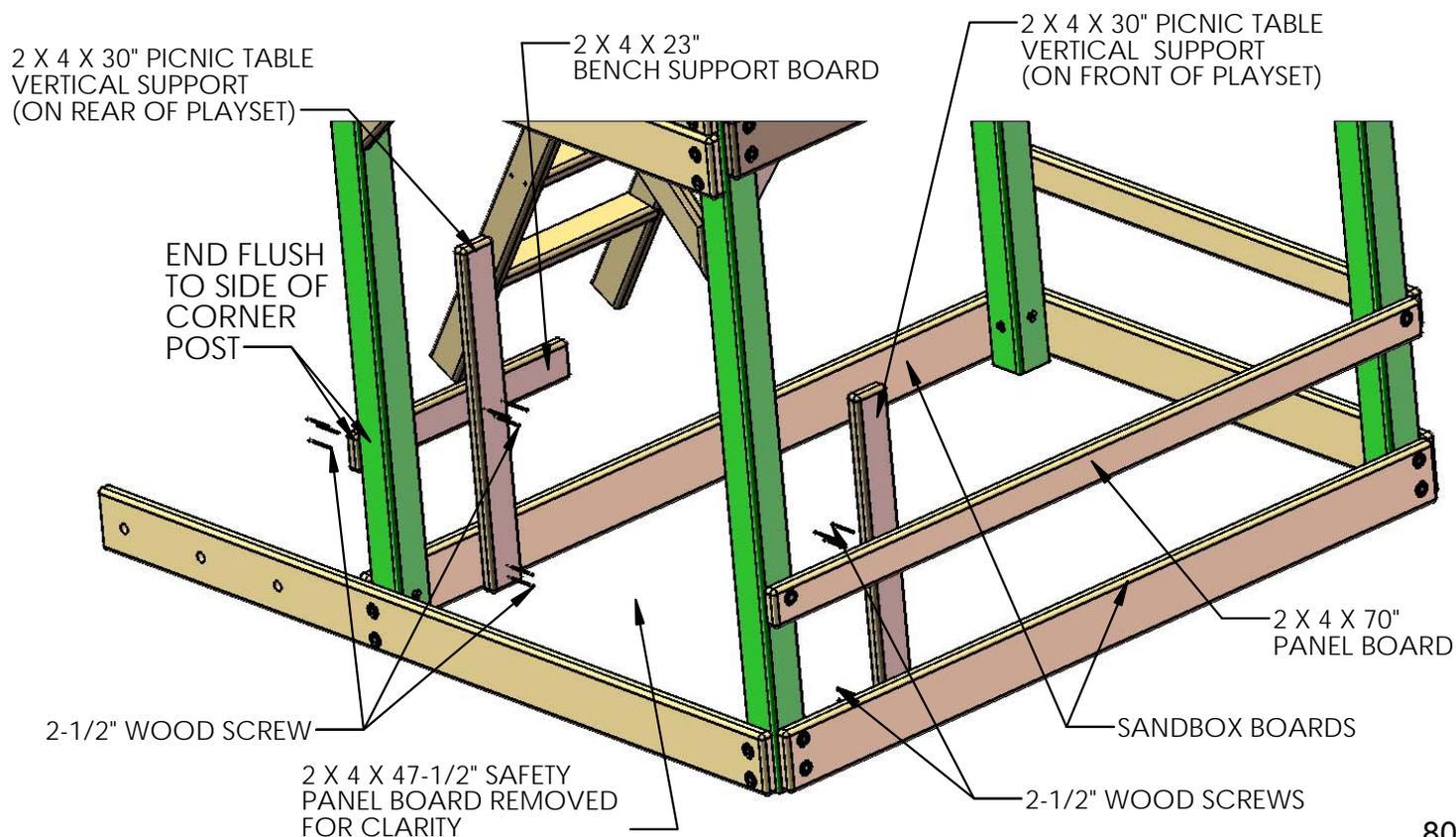
3: NEXT FIND THE 2 X 4 X 23" BENCH SUPPORT BOARD.

4: MEASURE 17-3/4" FROM THE BOTTOM OF THE REAR SANDBOX BOARD AND MAKE A MARK ON THE REAR CORNER POST AND THE REAR PICNIC TABLE VERTICAL SUPPORT. ALIGN THE TOP OF THE BENCH SUPPORT BOARD WITH THE MARKS. MAKE THE END OF THE BENCH SUPPORT BOARD FLUSH TO THE SIDE OF THE CORNER POST.

5: USE SIX 2-1/2" WOOD SCREWS TO ATTACH THE BENCH SUPPORT BOARD TO THE CORNER POST AND THE PICNIC TABLE VERTICAL SUPPORT.



NOTE: ROCK WALL REMOVED FOR CLARITY.



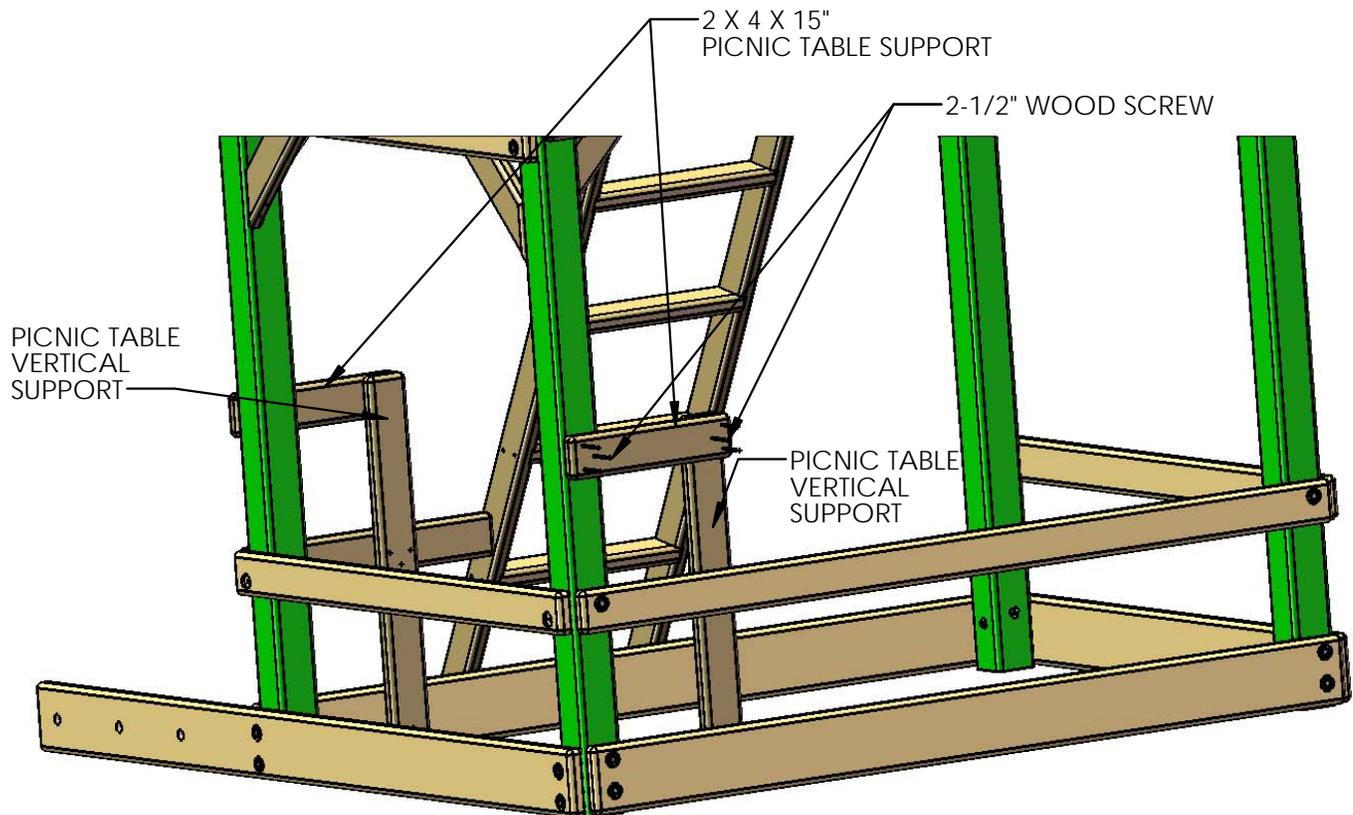
STEP 48: PICNIC TABLE

1: FIND TWO 2 X 4 X 15" PICNIC TABLE SUPPORTS.

2: ATTACH EACH PICNIC TABLE SUPPORT TO THE TOP OF THE PICNIC TABLE VERTICAL SUPPORT AND TO THE CORNER POSTS.

3: ATTACH EACH PICNIC TABLE SUPPORT TO THE PICNIC TABLE VERTICAL SUPPORT AND THE CORNER POST USING SIX 2-1/2" WOOD SCREWS.

[NOTE: ROCK WALL REMOVED FOR CLARITY.]

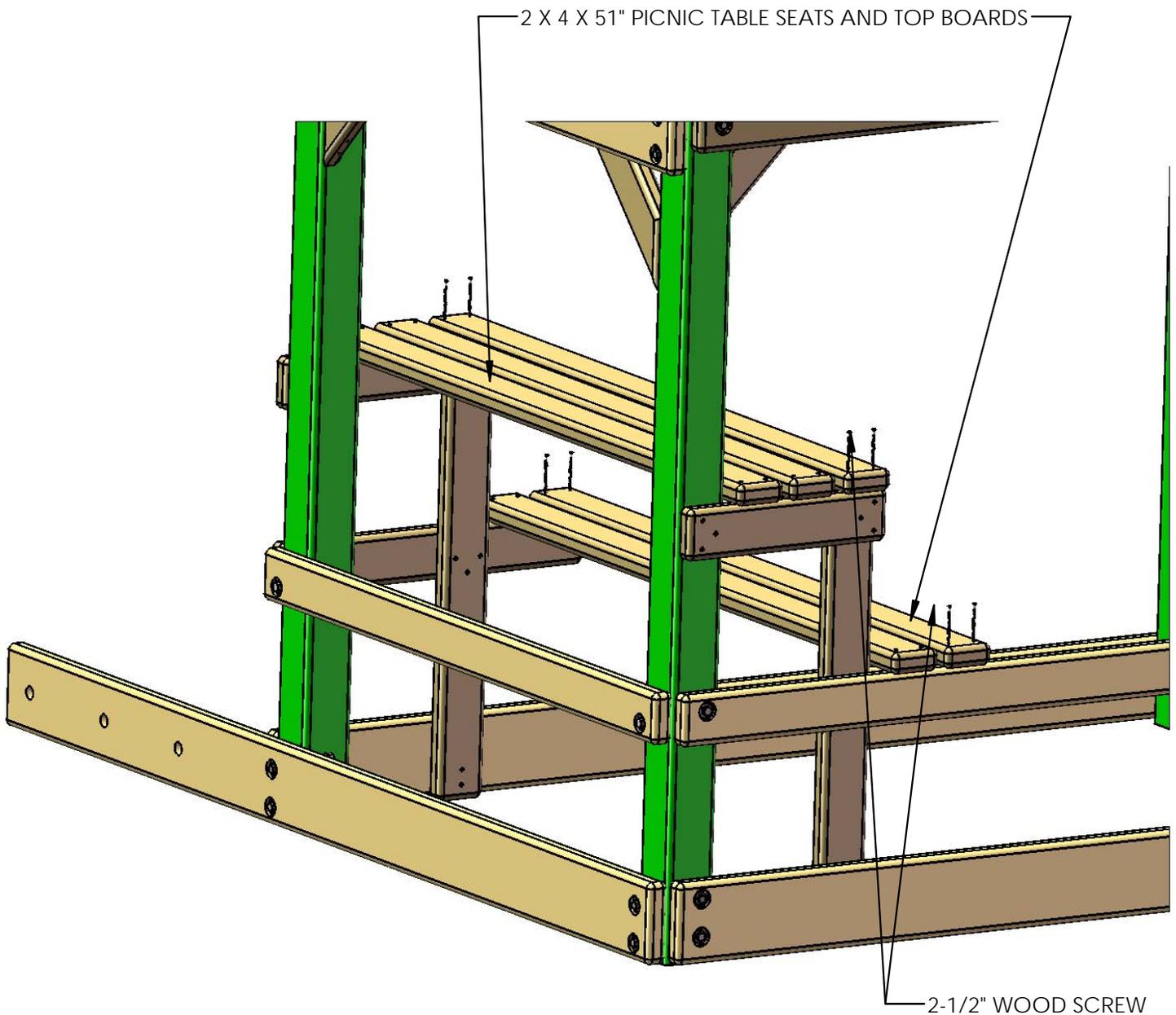


STEP 49: PICNIC TABLE

1: FIND FIVE 2 X 4 X 51" PICNIC TABLE SEATS AND PICNIC TABLE TOP BOARDS.

2: ATTACH EACH BOARD WITH FOUR 2-1/2" WOOD SCREWS AS SHOWN BELOW TO CREATE THE PICNIC TABLE SEATS AND TOP.

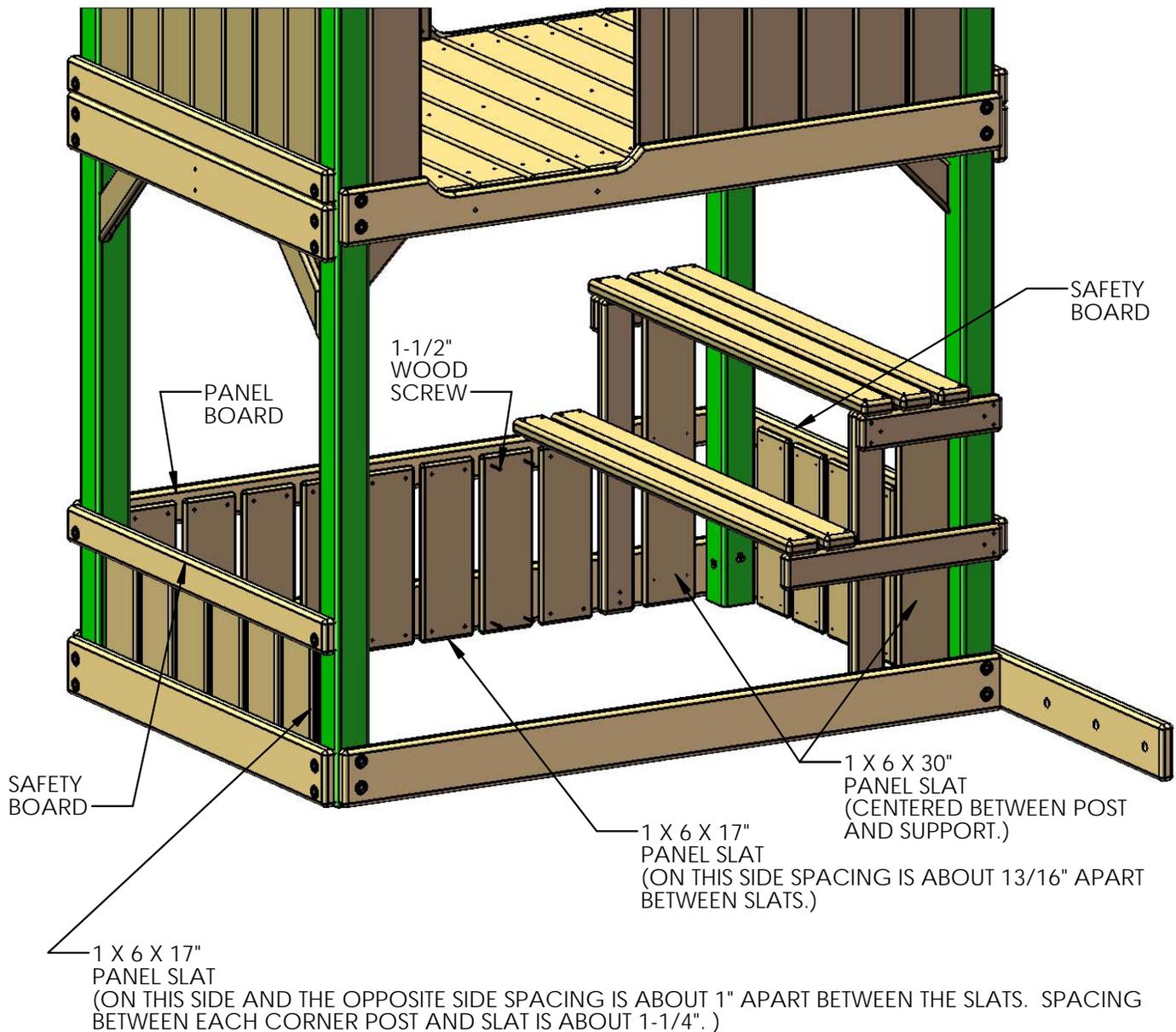
NOTE: LADDER AND ROCK WALL REMOVED FOR CLARITY.



STEP 50: BOTTOM PANEL SLATS

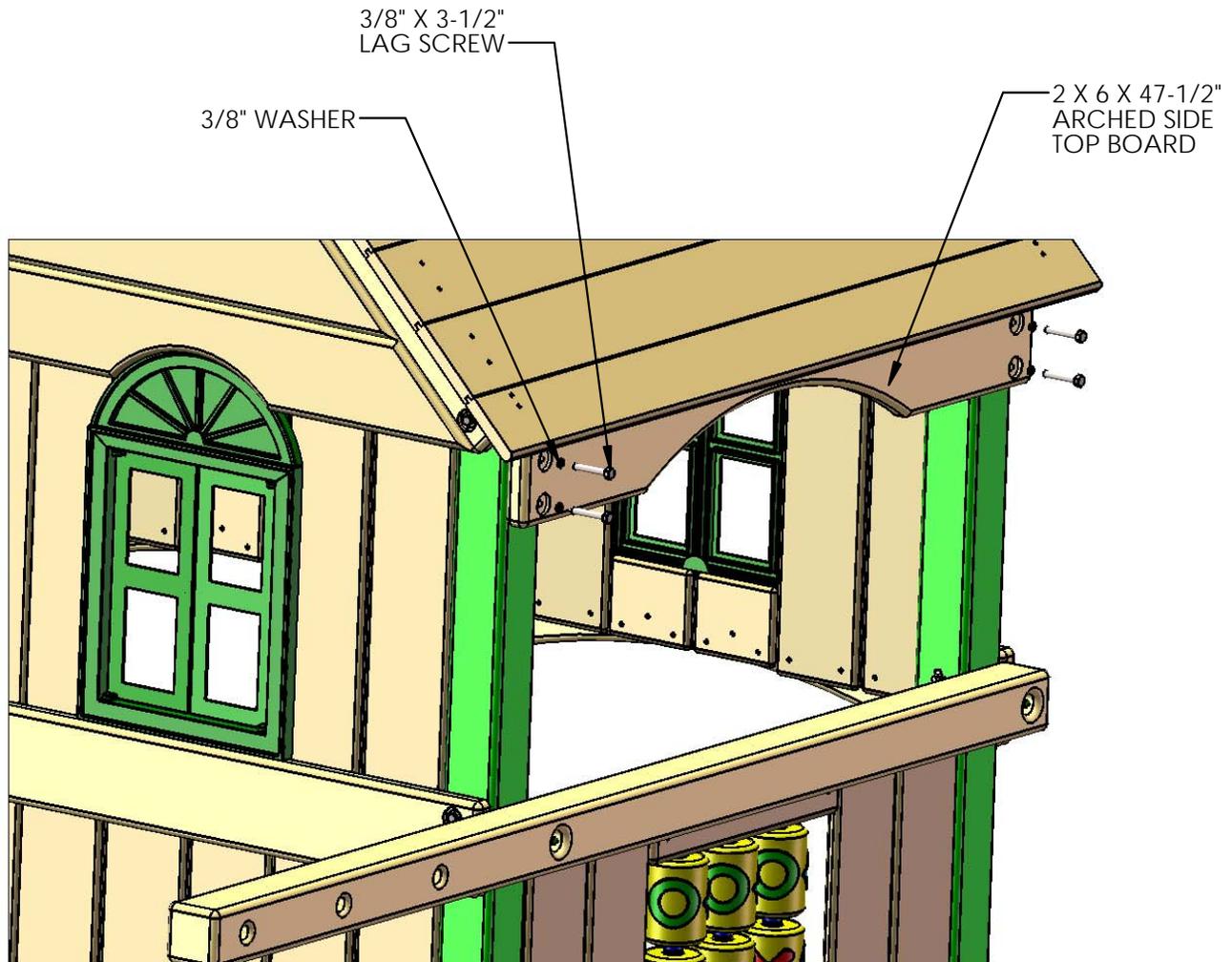
- 1: FIND TWENTY 1 X 6 X 17" PANEL SLATS AND TWO 1 X 6 X 30" PANEL SLATS.
- 2: PRE-DRILL SLATS WITH TWO EQUALLY SPACED HOLES 1" FROM EACH END WITH A 1/8" DRILL BIT.
- 3: ATTACH PANEL SLATS ALONG THE SAFETY BOARDS AND PANEL BOARD EQUALLY SPACED.
- 4: ATTACH EACH 17" PANEL SLAT USING FOUR 1-1/2" WOOD SCREWS. ATTACH EACH 30" PANEL SLAT USING SIX 1-1/2" WOOD SCREWS.

NOTE: ROCK WALL AND LADDER REMOVED FOR CLARITY.



STEP 51: ARCHED SIDE TOP BOARDS

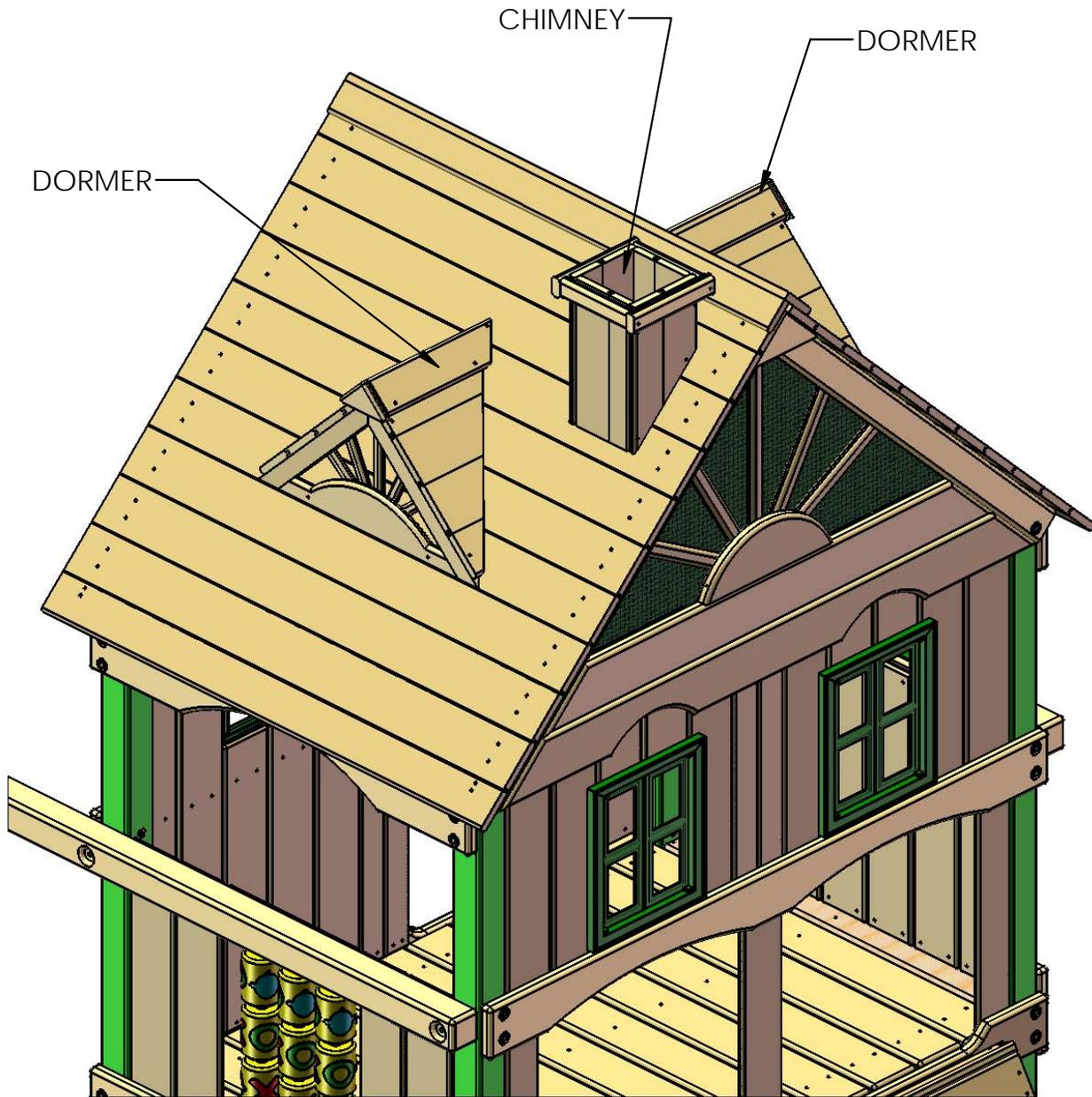
- 1: PLACE THE 2 X 6 X 47-1/2" ARCHED SIDE TOP BOARD UP AGAINST THE TOP OF THE CORNER POSTS ON THE SIDE OF THE FORT.
- 2: ATTACH THE ARCHED SIDE TOP BOARD WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.
- 3: ATTACH ANOTHER ARCHED SIDE TOP BOARD ON THE OPPOSITE SIDE OF FORT.



STEP52: CHIMNEY/DORMER

1: USE THE INSTRUCTIONS IN THE APPENDIX AT THE BACK OF THIS MANUAL TO ASSEMBLE THE CHIMNEY AND DORMERS.

2: INSTALL THE CHIMNEY AND DORMERS AS SHOWN BELOW. USE THE HARDWARE SHOWN IN THE CHIMNEY AND DORMERS INSTRUCTIONS TO INSTALL THEM.

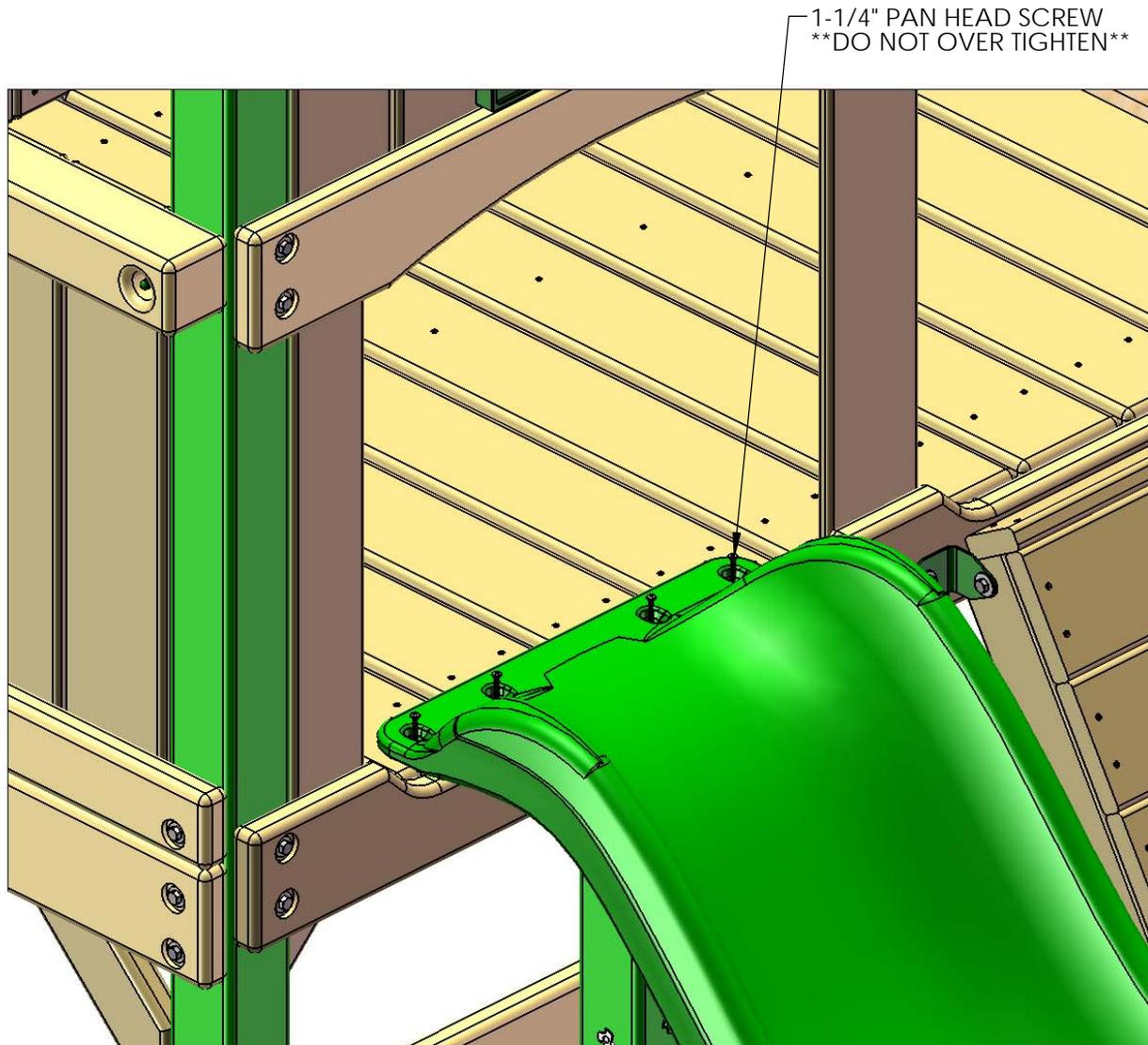


STEP 53: MOUNTING THE SLIDE

1: PLACE THE SLIDE IN THE OPENING AT THE FRONT OF THE FORT. LAY THE SLIDE ON THE DECK WITH THE LIP EXTENDING ONTO THE DECK BOARDS.

2: THE FLARED END OF THE SLIDE WILL REST ON THE BOTTOM PANEL BOARD.

3: ATTACH THE SLIDE TO THE DECK WITH FOUR 1-1/4" PAN HEAD SCREWS. ****DO NOT OVER TIGHTEN****



STEP 54: INSTALLING THE CLIMBING ROPE

1: DRILL A 7/8" HOLE THROUGH THE FRONT TOP PANEL BOARD (ABOVE THE ROCK WALL) FOR THE CLIMBING ROPE.

TIP: PLACE A SCRAP 2 X 4 OR 4 X 4 BLOCK BEHIND THE BACK SIDE OF WHERE THE HOLE IS GOING TO BE DRILLED. THIS SHOULD HELP TO PREVENT SPLITOUT ON THE BACK SIDE. **DO NOT PLACE YOUR HAND DIRECTLY BEHIND THE DRILL BIT WHEN DRILLING THE HOLE OR INJURY MAY OCCUR.**

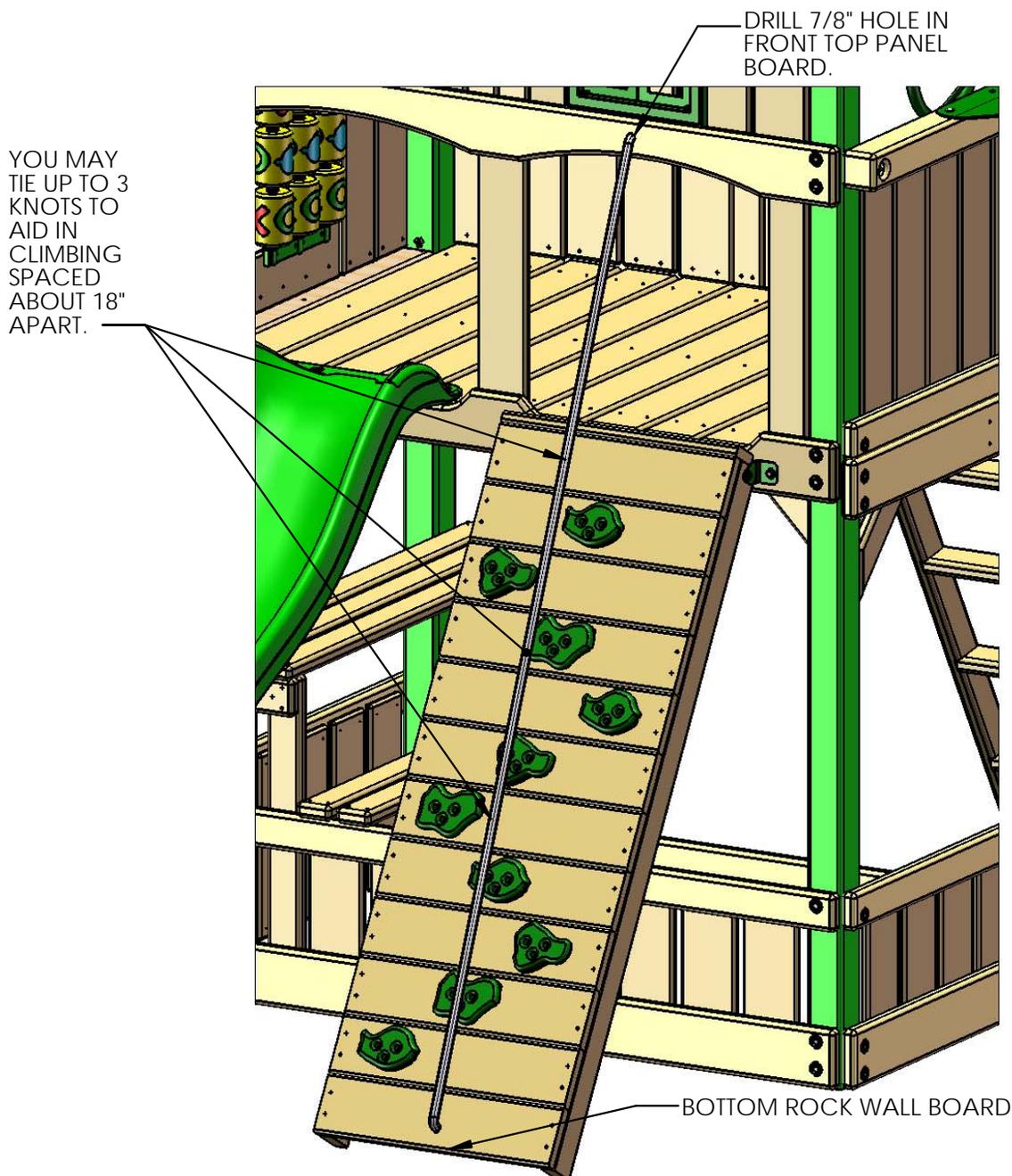
2: TIE A KNOT AT ONE END OF THE 10' ROPE AND THREAD IT THROUGH THE HOLE IN THE FRONT TOP PANEL BOARD.

3: YOU CAN TIE A FEW (NO MORE THAN THREE) KNOTS IN THE ROPE TO AID IN CLIMBING APPROXIMATELY 18" APART BEFORE TYING THE KNOT BEHIND THE BOTTOM ROCK WALL BOARD.

4: THE UNTIED END WILL GO THROUGH THE HOLE OF THE BOTTOM ROCK WALL BOARD. TIE A SECURE KNOT AT THE END MAKING SURE THAT THE ROPE IS TIGHT AND WILL NOT WRAP AROUND YOUR HAND.

HINT: TO REDUCE THE AMOUNT OF SLACK IN THE ROPE, LIFT THE ROCK WALL ASSEMBLY SLIGHTLY WHEN TYING THE KNOT IN THE BOTTOM ROCK WALL BOARD. WHEN YOU LOWER THE ASSEMBLY, THE ROPE WILL TIGHTEN.

NOW ATTEMPT TO WRAP THE ROPE AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. UNTIE ONE END AND THEN RE-TIE IT UNTIL IT NO LONGER WRAPS AROUND YOUR HAND.

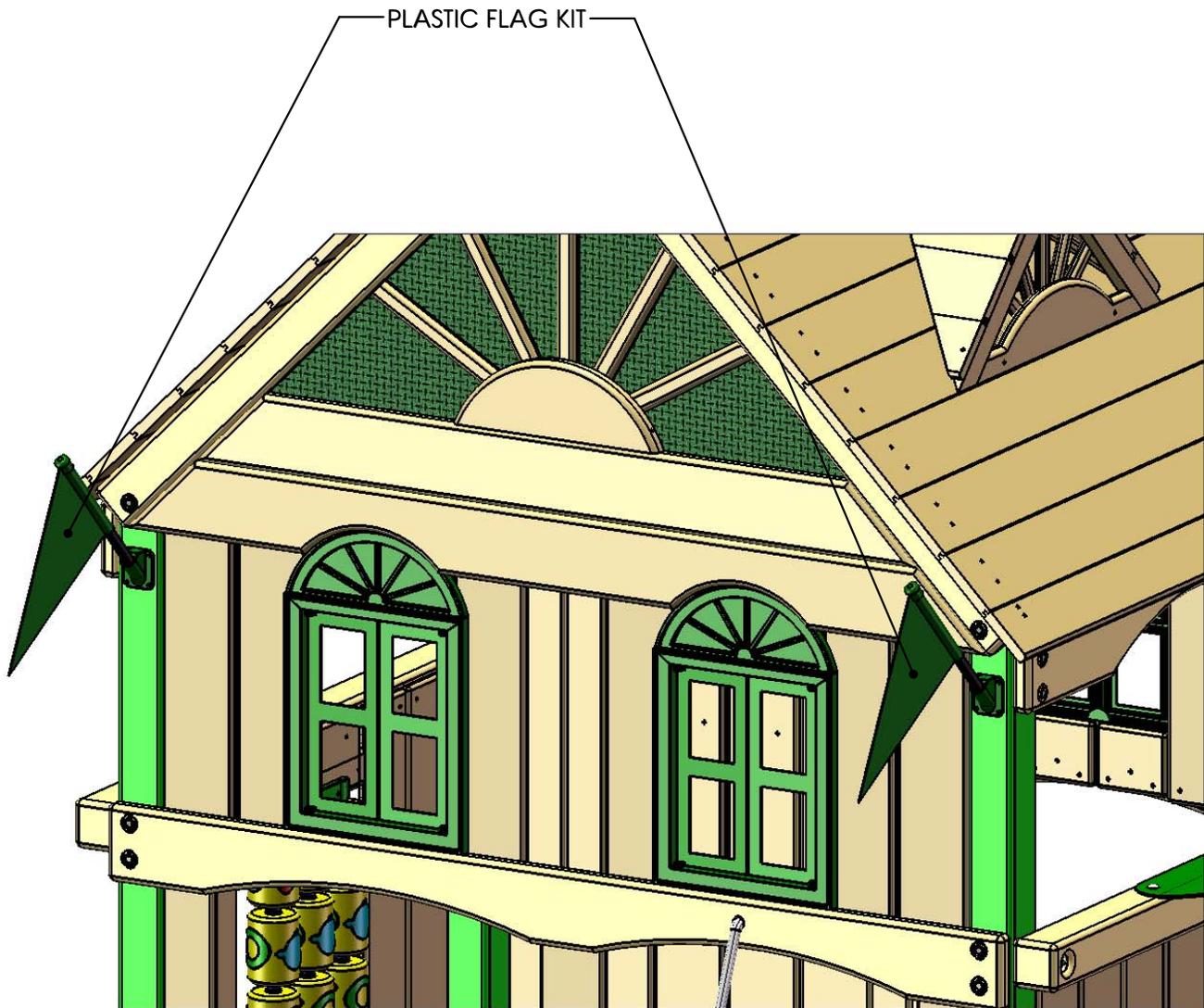


STEP 55: PLASTIC FLAGS

1: FIND THE PLASTIC FLAG KIT.

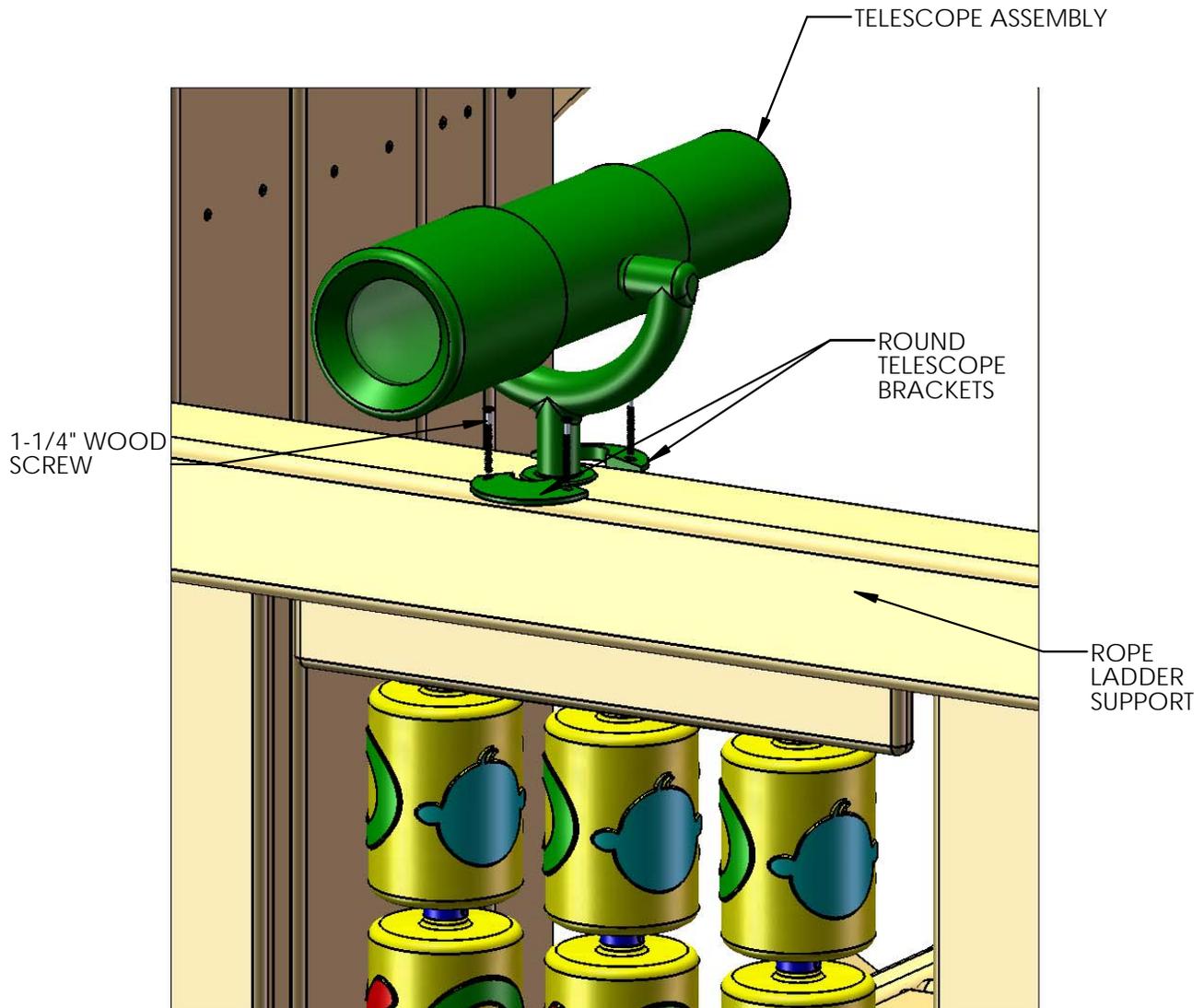
2: ATTACH THE FLAGS TO THE FRONT CORNER POSTS AS SHOWN BELOW.

3: ATTACH EACH FLAG TO THE CORNER POST THROUGH THE PRE-DRILLED HOLES USING 1/2" PHILLIPS HEAD WOOD SCREWS PROVIDED WITH THE FLAG KIT.



STEP 56: MOUNTING TELESCOPE

- 1: PLACE THE TELESCOPE ASSEMBLY ON THE ROPE LADDER SUPPORT ABOVE THE TIC TAC TOE PANEL. USING THE 1-1/4" WOOD SCREWS PROVIDED IN THE TELESCOPE BAG, FASTEN ONE OF THE ROUND TELESCOPE BRACKETS TO THE ROPE LADDER SUPPORT.
- 2: PLACE THE TELESCOPE STAND INTO THE SLOT OF THE TELESCOPE BRACKET.
- 3: PLACE THE REMAINING ROUND TELESCOPE BRACKET ACROSS FROM THE FIRST BRACKET. FASTEN THE ROUND TELESCOPE BRACKET WITH 1-1/4" WOOD SCREWS TO THE ROPE LADDER SUPPORT.

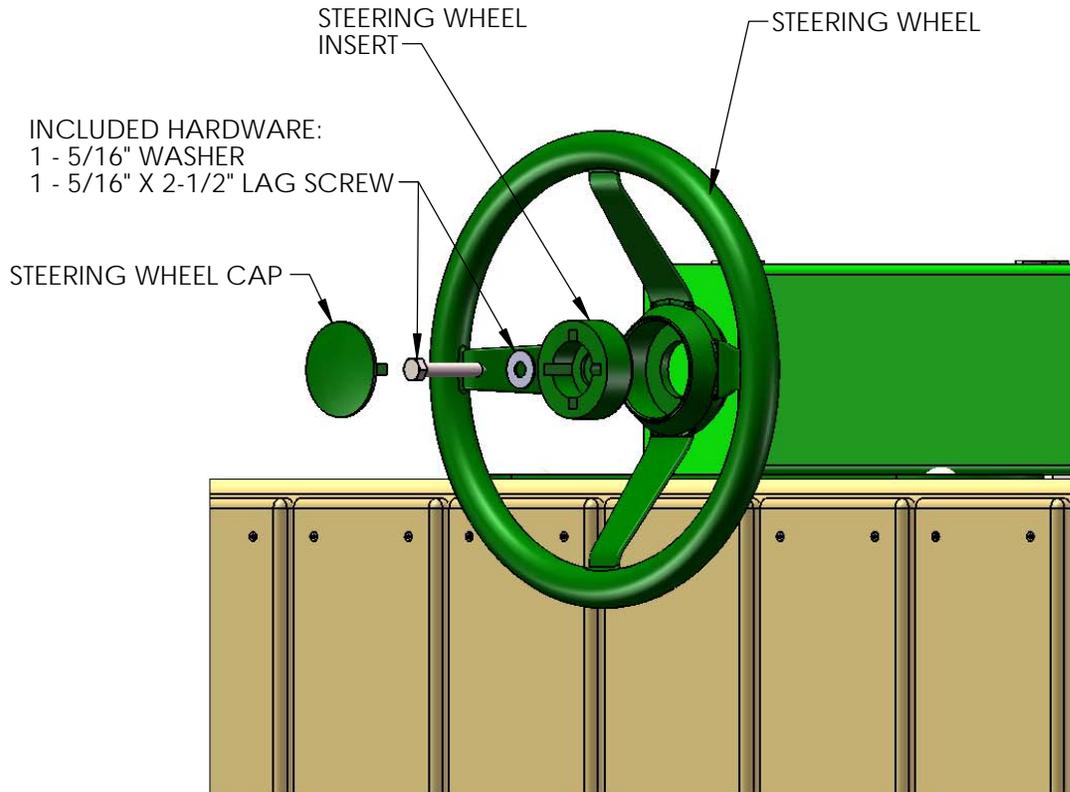


STEP 57: STEERING WHEEL

1: PLACE THE STEERING WHEEL INSERT INSIDE THE STEERING WHEEL.

2: USE THE HARDWARE INCLUDED WITH THE STEERING WHEEL TO MOUNT THE STEERING WHEEL TO THE SWING BEAM. DO NOT OVER-TIGHTEN THE LAG SCREW INTO THE STEERING WHEEL, OR IT WILL NOT TURN.

3: PLACE THE STEERING WHEEL CAP OVER THE CENTER OF THE STEERING WHEEL.



STEP 58: ATTACHING THE SAFETY HANDLES

1: LOCATE TWO SAFETY HANDLES PROVIDED WITH YOUR PLAYSET.

2: LOCATE THE HARDWARE PROVIDED IN THE BAG WITH THE HANDLES.

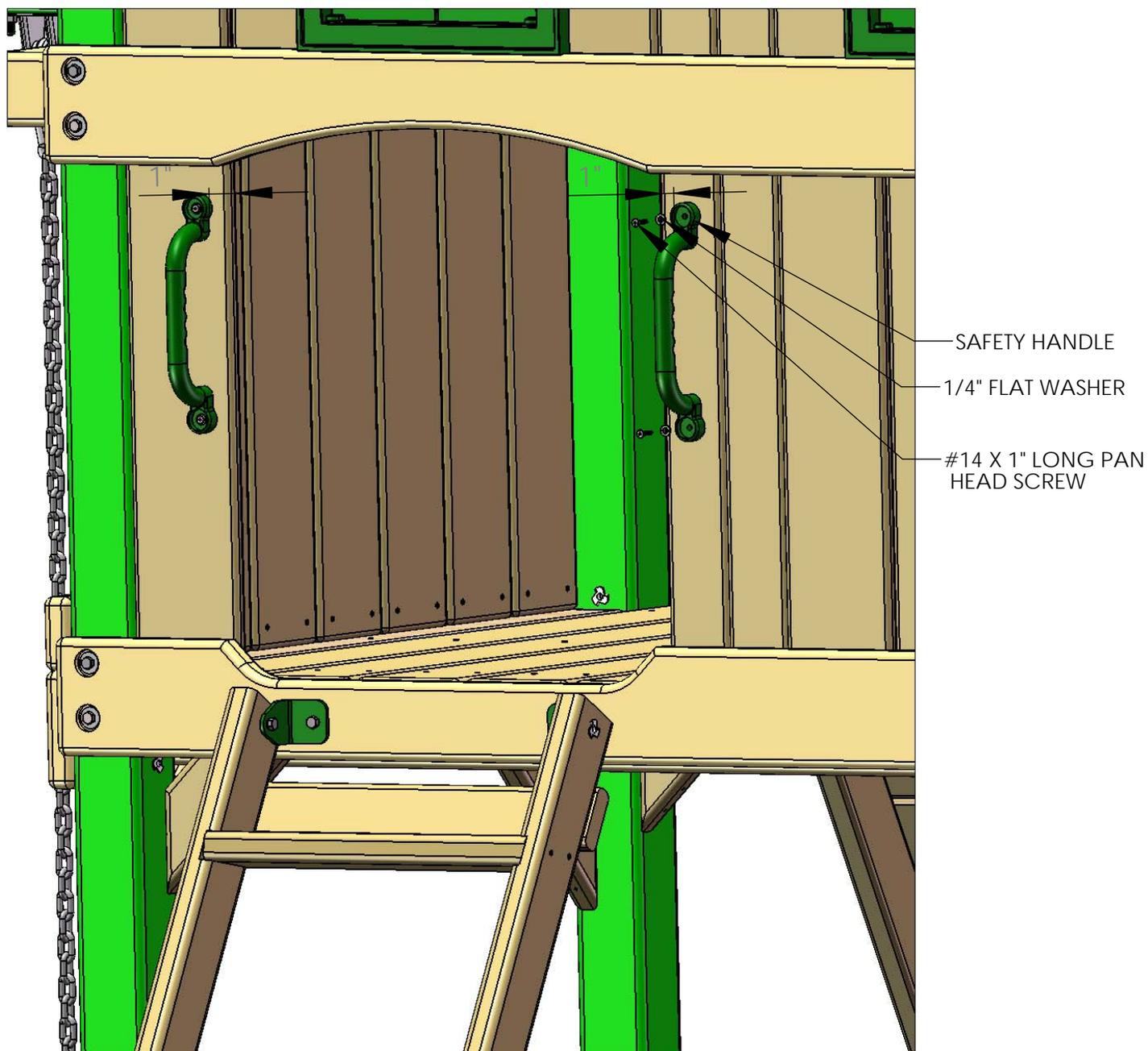
****DO NOT USE THE SCREWS PROVIDED IN THE BAG WITH THE HANDLES****

3: LOCATE FOUR #14 X 1" LONG PAN HEAD SCREWS IN YOUR MAIN HARDWARE PACKAGE. USE THE 1/4" FLAT WASHERS PROVIDED IN THE BAG WITH THE HANDLES.

4: PLACE THE HANDLES 1" AWAY FROM THE EDGE OF EACH PANEL SLAT ABOVE THE LADDER AT THE REAR OF THE PLAY SET. ADJUST THE HANDLES UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD.

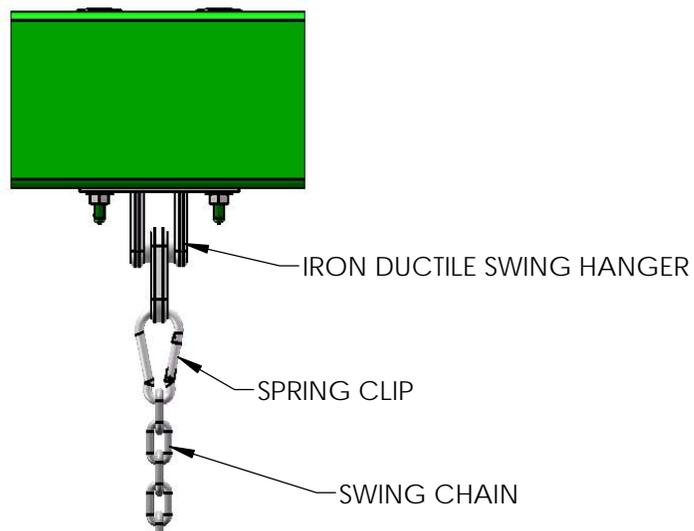
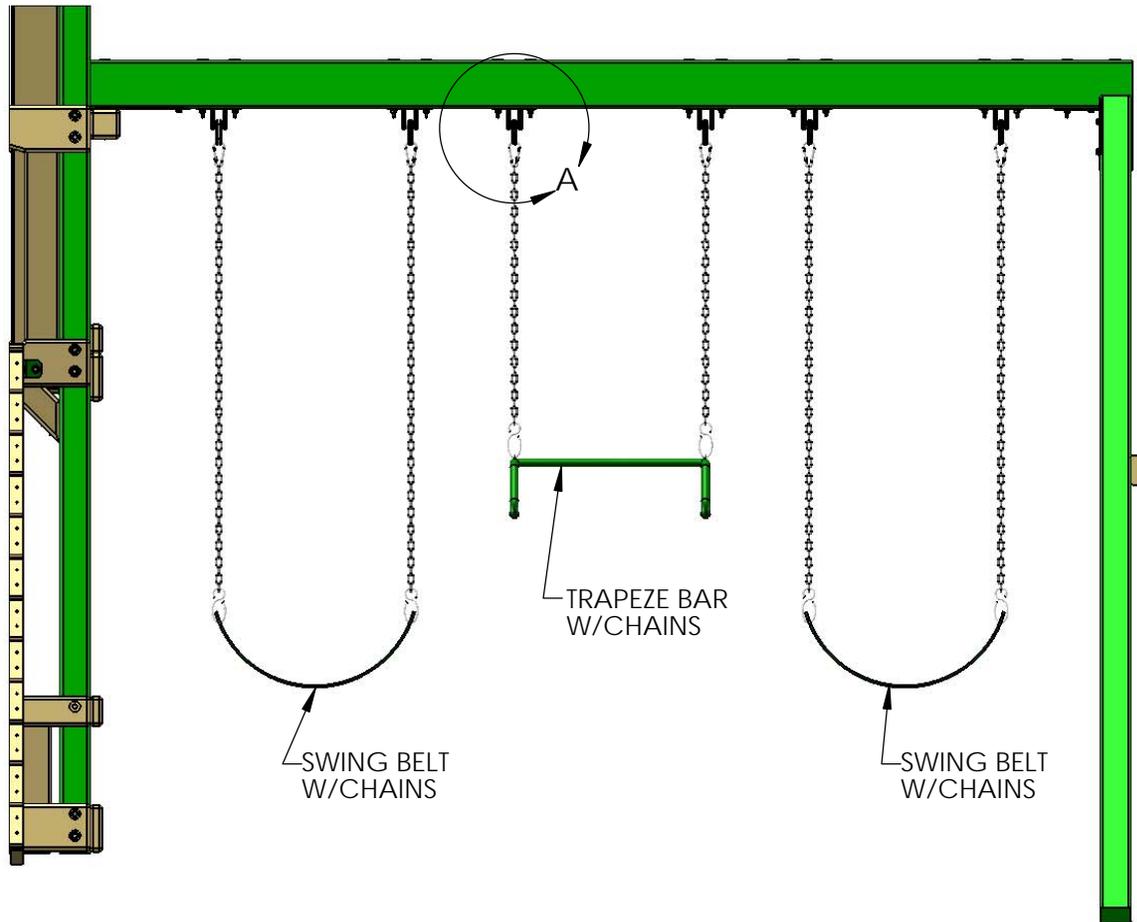
5: ATTACH EACH HANDLE TO THE PANEL SLATS USING TWO #14 X 1" LONG PAN HEAD SCREWS AND TWO 1/4" FLAT WASHERS.

****DO NOT USE THE SCREWS PROVIDED IN THE BAG WITH THE SAFETY HANDLES.****



STEP 59: HANGING THE SWINGS

- 1: START BY ATTACHING ONE SPRING CLIP TO EACH IRON DUCTILE ON THE SWING BEAM.
- 2: ATTACH ONE CHAIN PER ACCESSORY TO EACH SPRING CLIP.
- 3: ADJUST HEIGHT AS NEEDED BY CLIPPING CHAINS ON HIGHER OR LOWER LINKS.

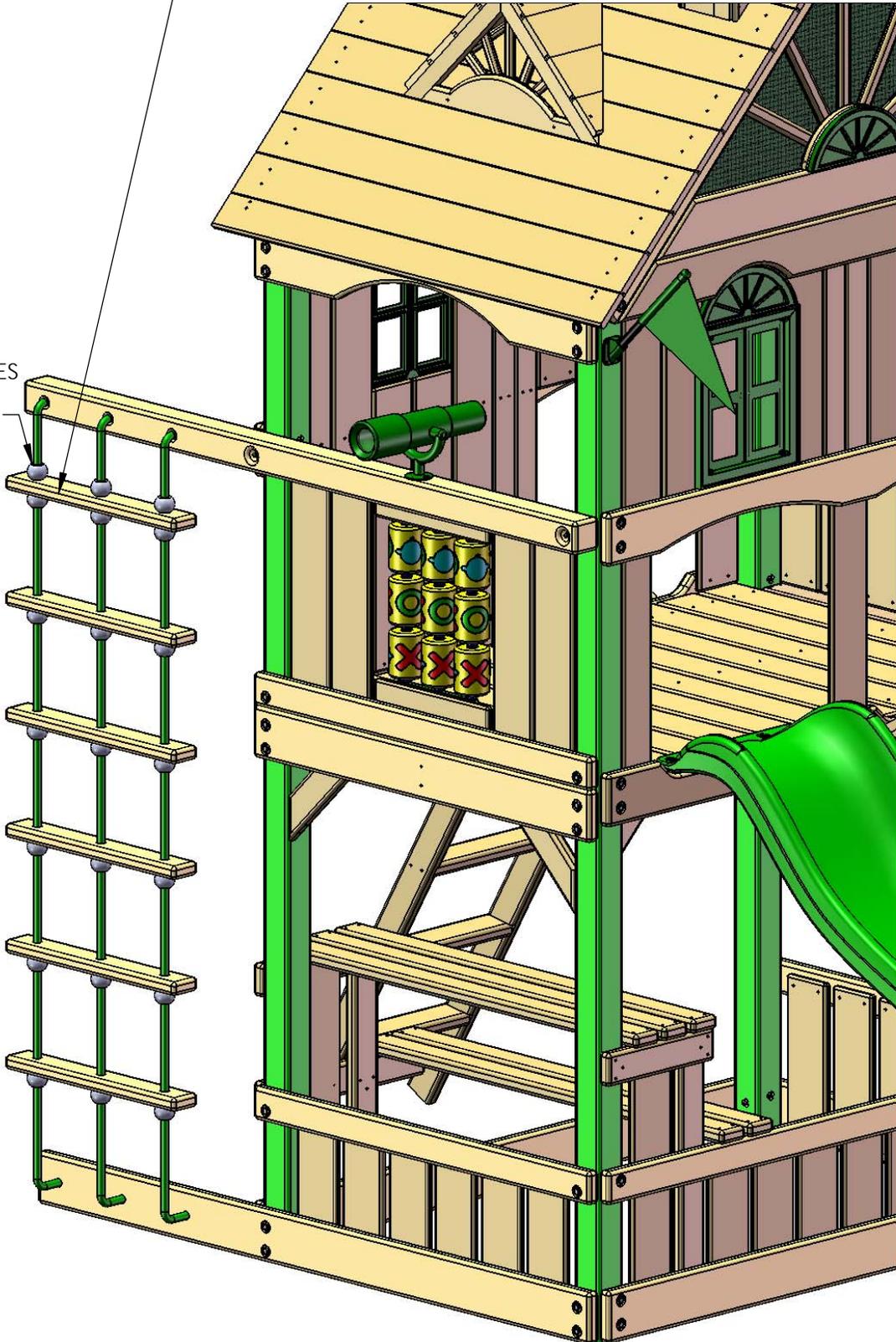


DETAIL A
SCALE 1 : 6

STEP 60: ROPE LADDER

VIEW OF COMPLETED ROPE LADDER ASSEMBLY.
THE NEXT STEP SHOWS YOU HOW TO ASSEMBLE THIS.

THESE BEAD SHAPES
REPRESENT KNOTS
THAT YOU WILL TIE



STEP 61: ROPE LADDER

1: FIND THREE ROPE LADDER ROPES. MAKE A KNOT IN THE END OF EACH ROPE AND THREAD THE FREE END THROUGH THE BACK SIDE OF THE ROPE LADDER SUPPORT. PULL EACH ROPE TAUGHT.

2: MEASURE DOWN FROM THE BOTTOM OF THE ROPE LADDER SUPPORT 6 INCHES AND TIE A KNOT. THE BOTTOM OF THE KNOT SHOULD BE 6 INCHES BELOW THE ROPE LADDER SUPPORT. SLIDE EACH ROPE THROUGH THE HOLES IN ONE ROPE LADDER RUNG. SLIDE THE RUNG UP AGAINST THE BOTTOM OF THE KNOTS.

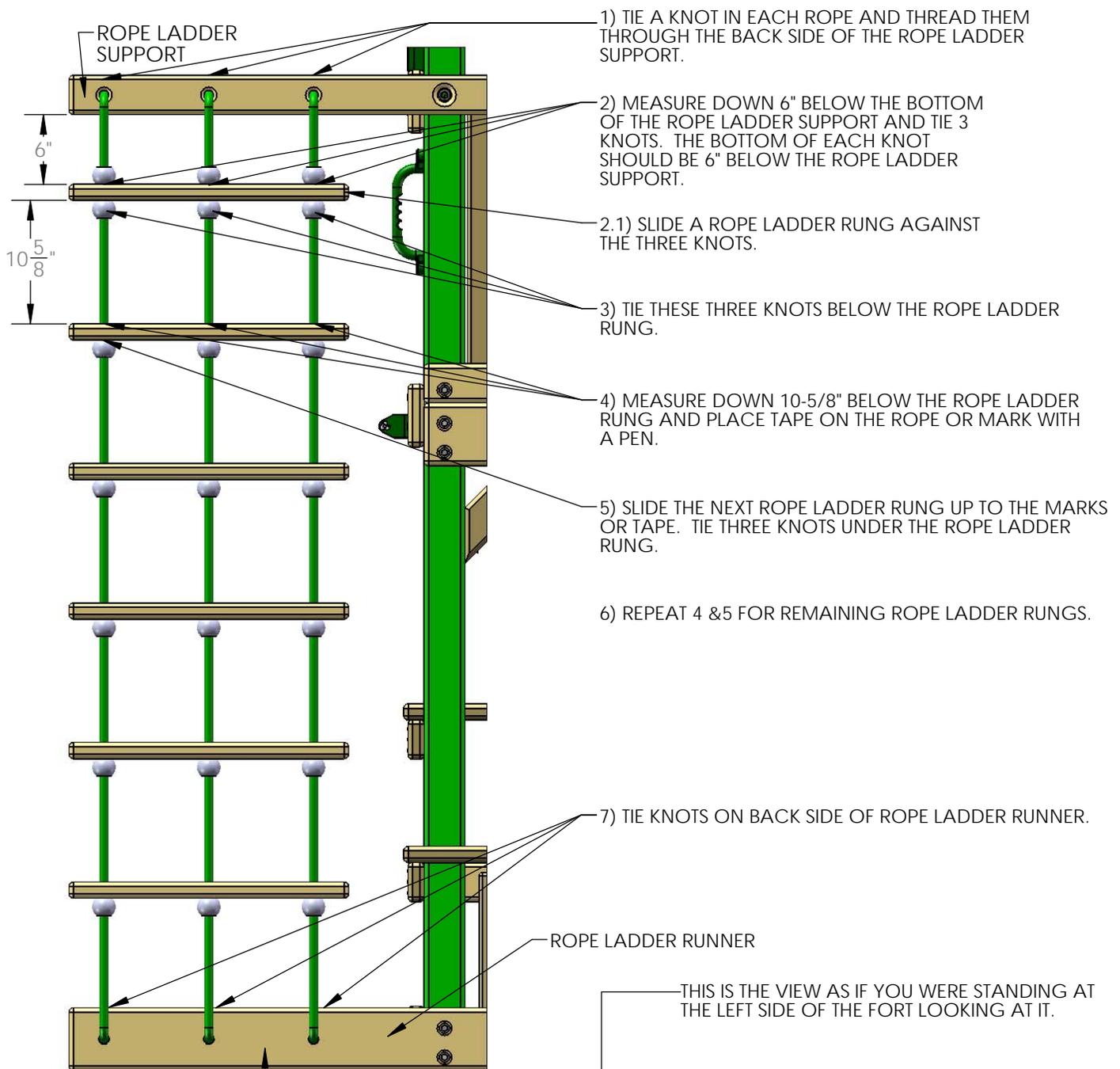
3: TIE THREE KNOTS BELOW THE ROPE LADDER RUNG.

4: MEASURE DOWN FROM THE BOTTOM OF THE ROPE LADDER RUNG 10-5/8 INCHES AND MAKE A MARK ON THE ROPE WITH A PIECE OF TAPE OR A MARKER. THREAD ANOTHER ROPE LADDER RUNG ONTO THE ROPES.

5: WITH THE TOP OF THE RUNG EVEN WITH THE 10-5/8 INCH MARK TIE THREE KNOTS BELOW THE SECOND ROPE LADDER RUNG.

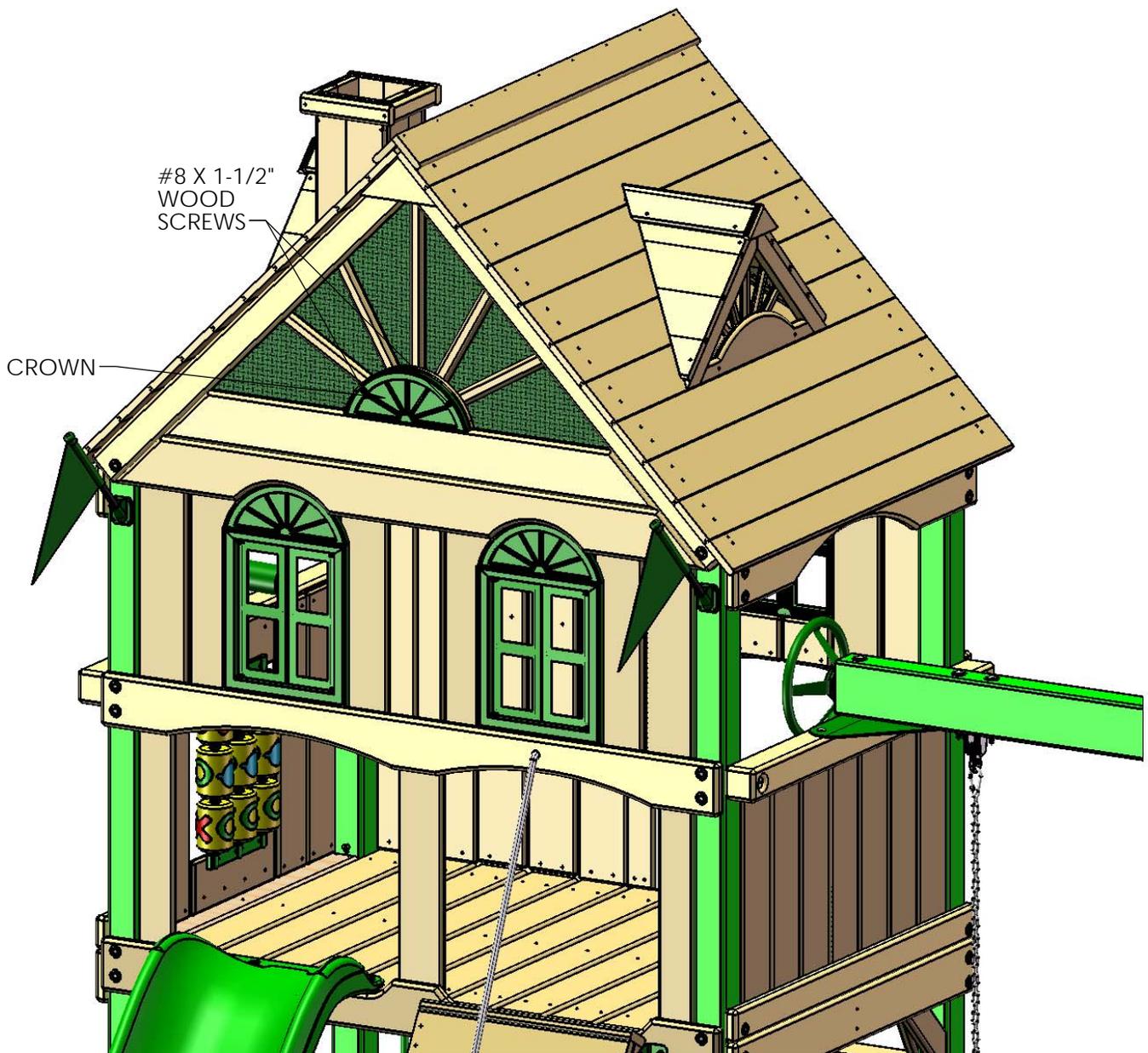
6: REPEAT SUBSTEPS 4-5 FOR THE REMAINING ROPE LADDER RUNGS.

7: THREAD THE BOTTOM END OF EACH ROPE THROUGH THE HOLES IN THE ROPE LADDER RUNNER AND TIE THEM OFF. GRAB EACH EACH ROPE AND ATTEMPT TO WRAP IT AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. IF THE ROPE IS TOO LOOSE UNTIE THE KNOT BEHIND THE ROPE LADDER RUNNER AND RETIE IT UNTIL YOU CAN NO LONGER WRAP THE ROPE AROUND YOUR HAND.



STEP 62: CROWN

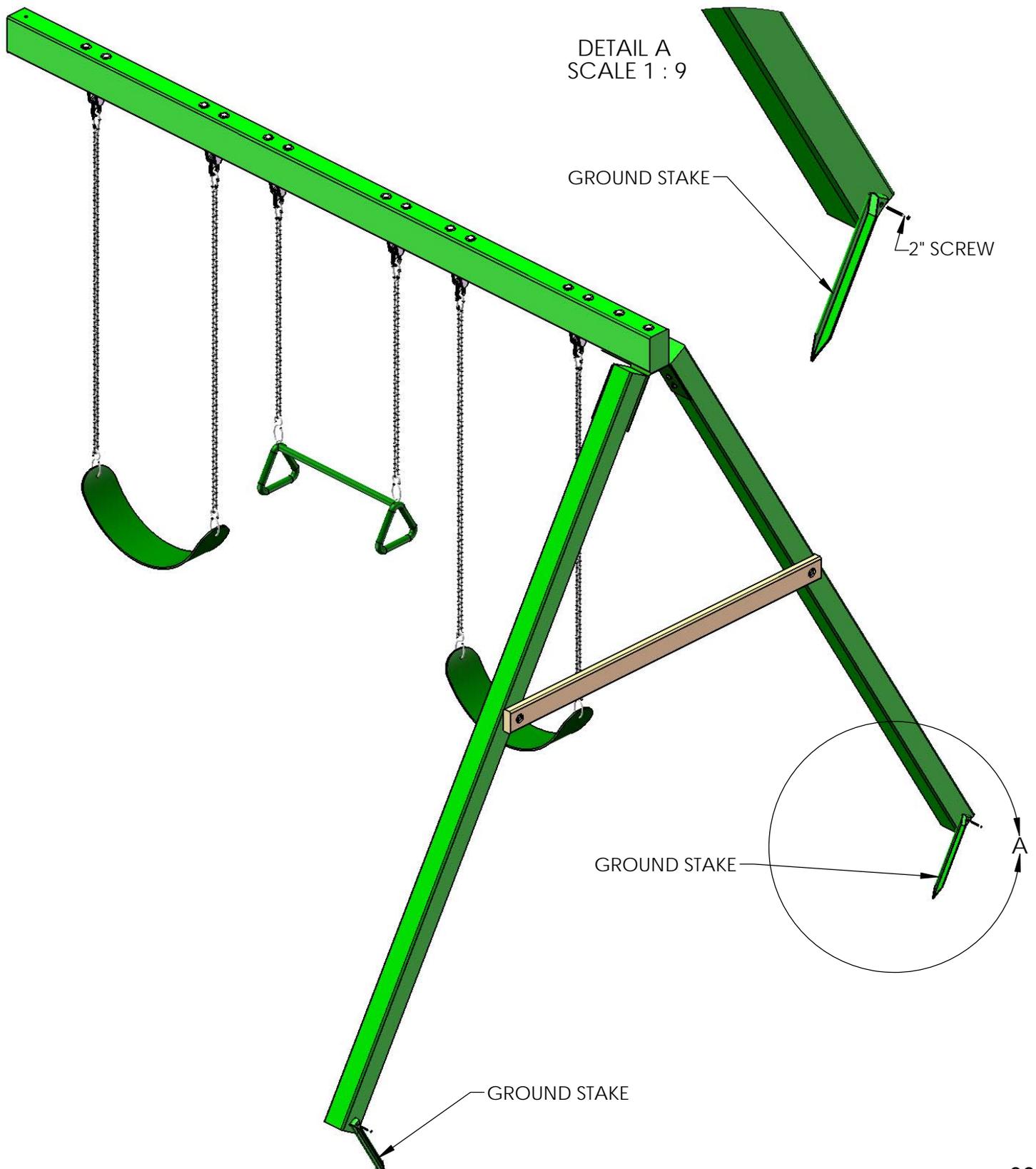
- 1: PLACE THE CROWN OVER THE WOOD SUN PIECE ON THE FRONT OF THE PLAY SET.
- 2: ATTACH THE CROWN TO THE SUN WITH TWO #8 X 1-1/2" WOOD SCREWS.



STEP 63: GROUND STAKES

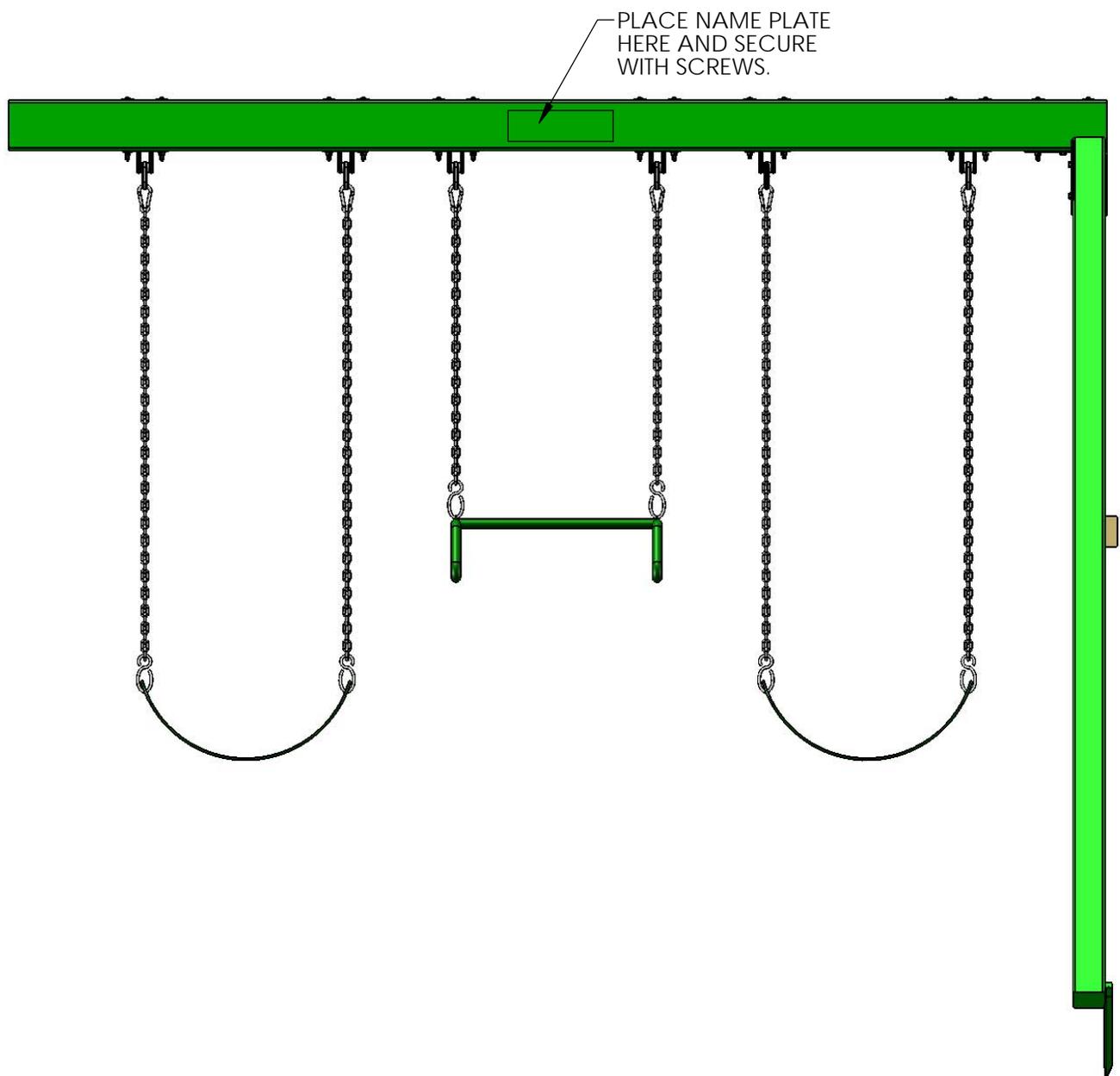
1: HAMMER GROUND STAKES INTO THE GROUND AT AN ANGLE BESIDE THE SWING LEGS AS SHOWN BELOW.

2: FASTEN EACH GROUND STAKE TO THE SWING LEG WITH THE #8 X 2" SCREW PROVIDED.



STEP 64: NAME PLATE

- 1: PLACE THE MANUFACTURER'S NAME PLATE CENTERED ON THE SWING BEAM.
- 2: FASTEN THE NAME PLATE TO THE SWING BEAM WITH TWO #8 X 1-1/2" WOOD SCREWS.



APPENDIX

#8 X 1-1/4"
WOOD SCREW
QTY: 22



#8 X 1-1/2"
WOOD SCREW
QTY: 8



#8 X 2"
WOOD SCREW
QTY: 6



9

8

7

6

5

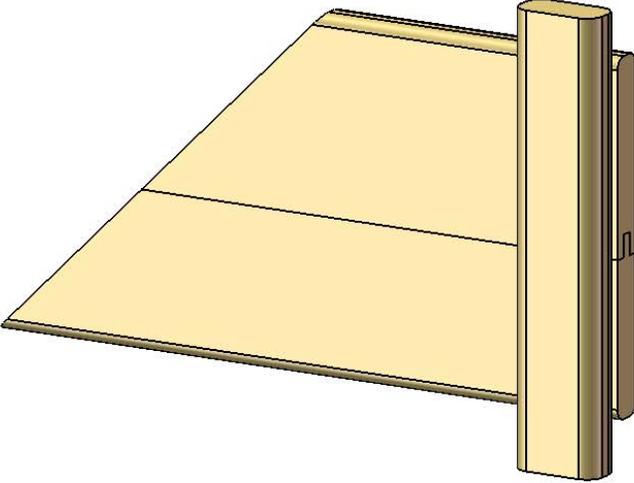
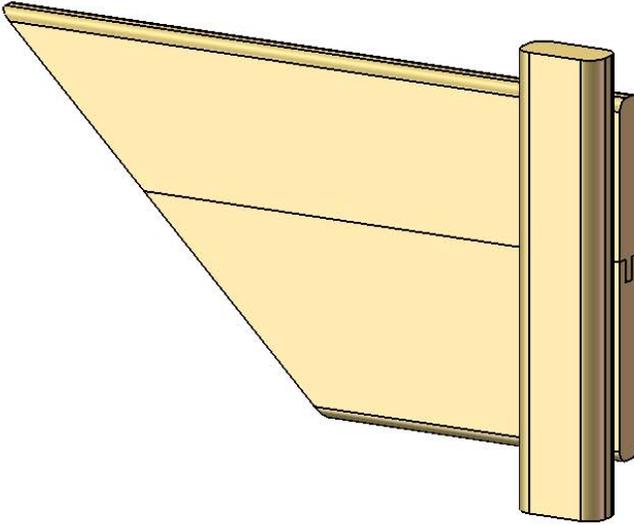
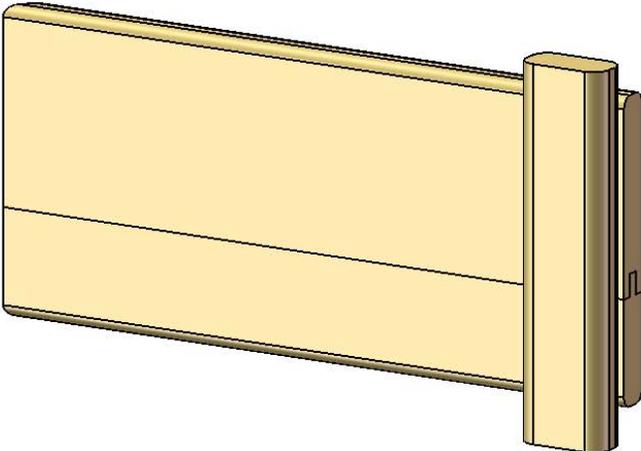
4

3

2

1

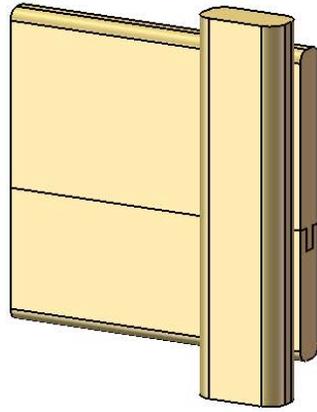
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

PICTURE	DESCRIPTION	QTY.
	<p>CHIMNEY LEFT SIDE ASSEMBLY</p>	<p>1</p>
	<p>CHIMNEY RIGHT SIDE ASSEMBLY</p>	<p>1</p>
	<p>CHIMNEY FRONT ASSEMBLY</p>	<p>1</p>

PICTURE

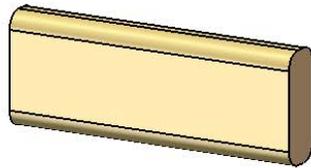
DESCRIPTION

QTY.



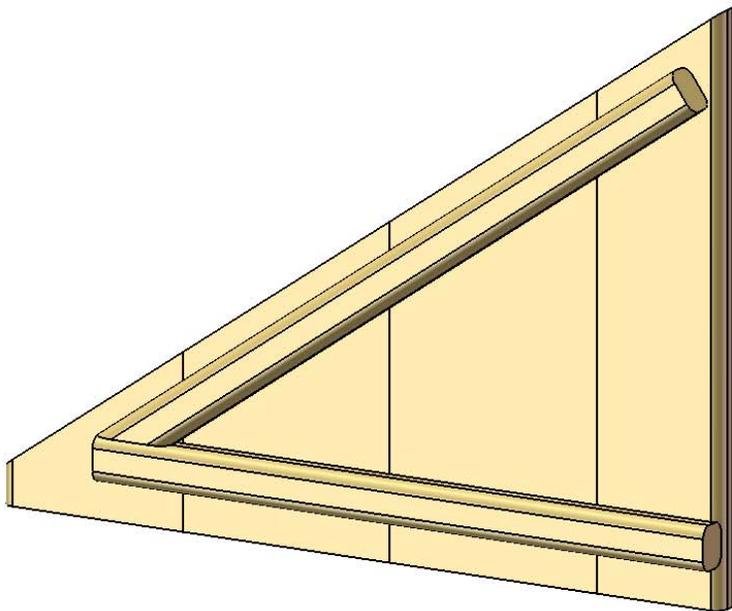
CHIMNEY
REAR
ASSEMBLY

1



5/4X3X6-3/4"
CHIMNEY
MOUNTING
BLOCK

1



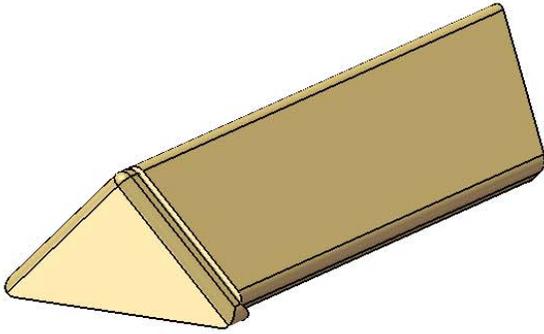
DORMER
LEFT SIDE
ASSEMBLY

2

PICTURE

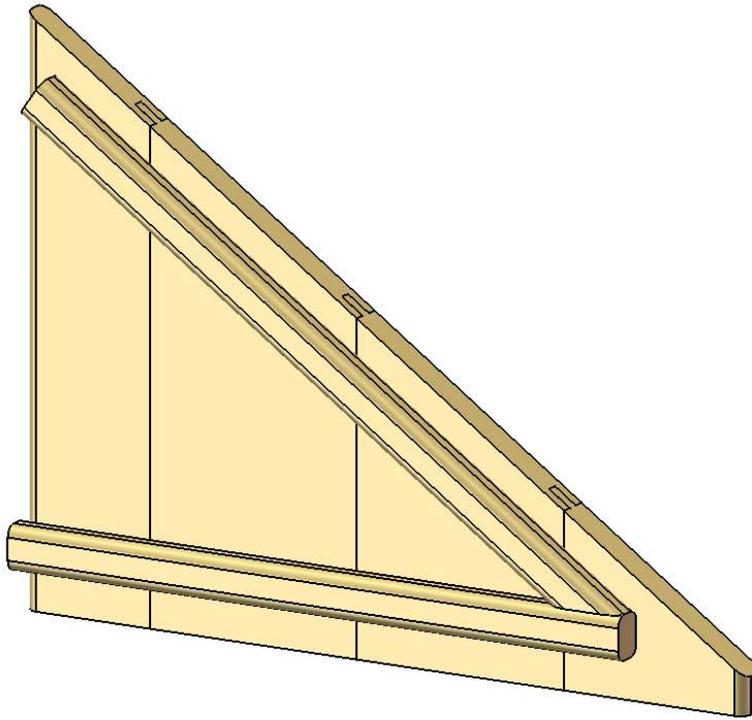
DESCRIPTION

QTY.



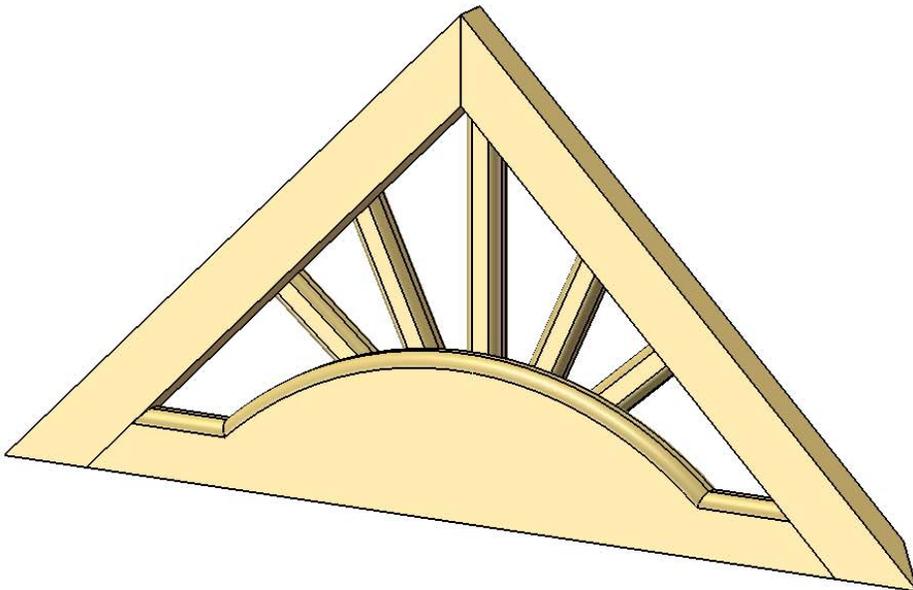
DORMER
ROOF PEAK
ASSEMBLY

2



DORMER
RIGHT SIDE
ASSEMBLY

2



DORMER
SUNRAY
ASSEMBLY

2

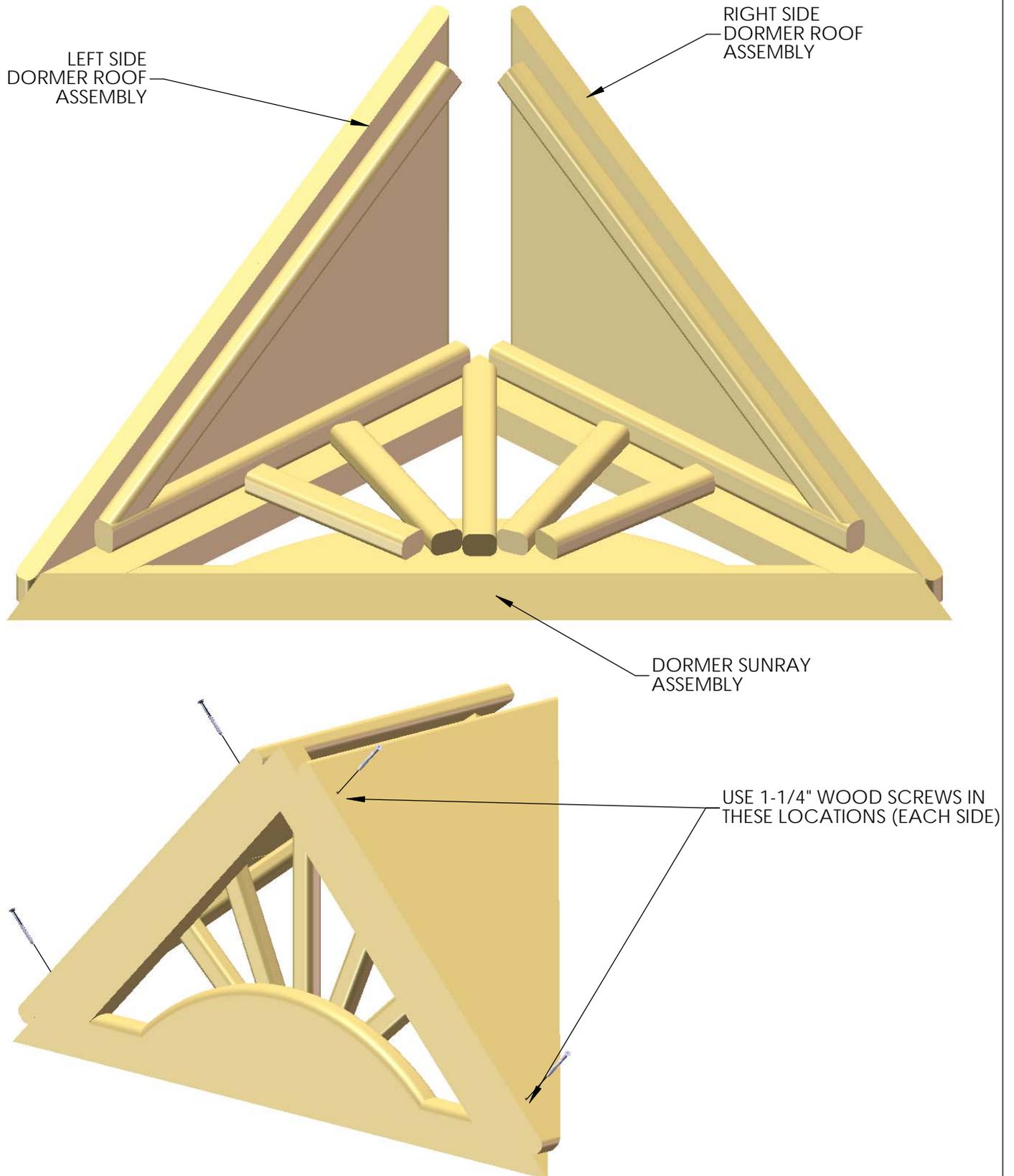
STEP 1: DORMER

1: FIND TWO LEFT SIDE AND TWO RIGHT SIDE DORMER ROOF ASSEMBLIES.

2: FIND TWO DORMER SUNRAY ASSEMBLIES.

3: PLACE THE LEFT AND RIGHT ROOF ASSEMBLIES ON THE BACK SIDE OF THE DORMER SUNRAY ASSEMBLY AS SHOWN BELOW.

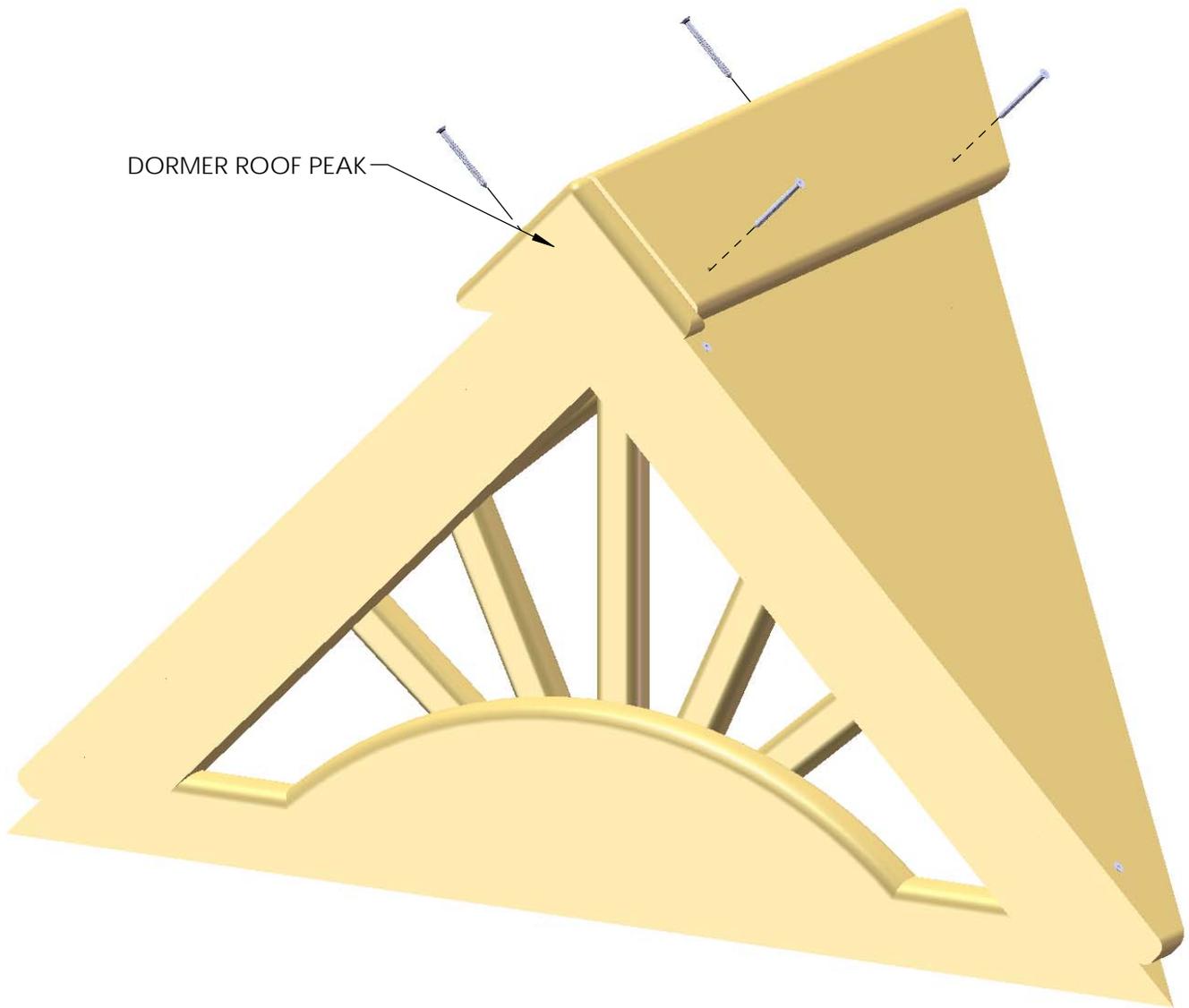
4: ATTACH THE DORMER ROOF SIDES TO THE DORMER SUNRAY WITH 1-1/4" WOOD SCREWS FROM THE ROOF BOARDS OF THE ROOF ASSEMBLIES.



STEP 2: DORMER

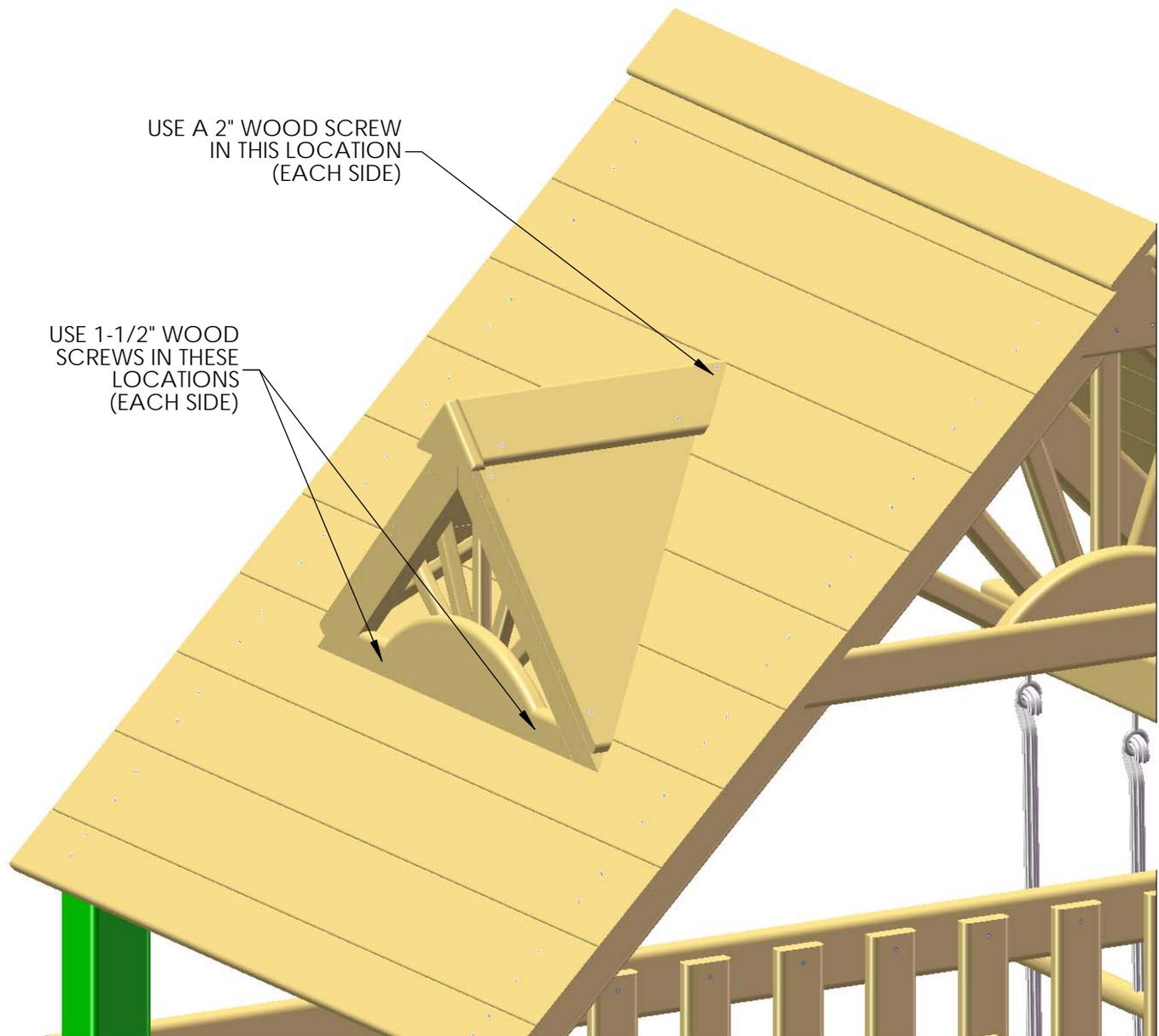
1: FIND THE DORMER ROOF PEAK ASSEMBLY.

2: PLACE THE ROOF PEAK ASSEMBLY IN THE TOP OF THE ROOF AND FASTEN WITH 1-1/4" WOOD SCREWS.



STEP 3: DORMER

- 1: CENTER THE DORMER ASSEMBLIES ON THE ROOF.
- 2: USE A 2" WOOD SCREW TO FASTEN THE DORMER PEAK TO THE ROOF.
- 3: USE 1-1/2" WOOD SCREWS TO FASTEN THE FACE OF THE DORMER TO THE ROOF.

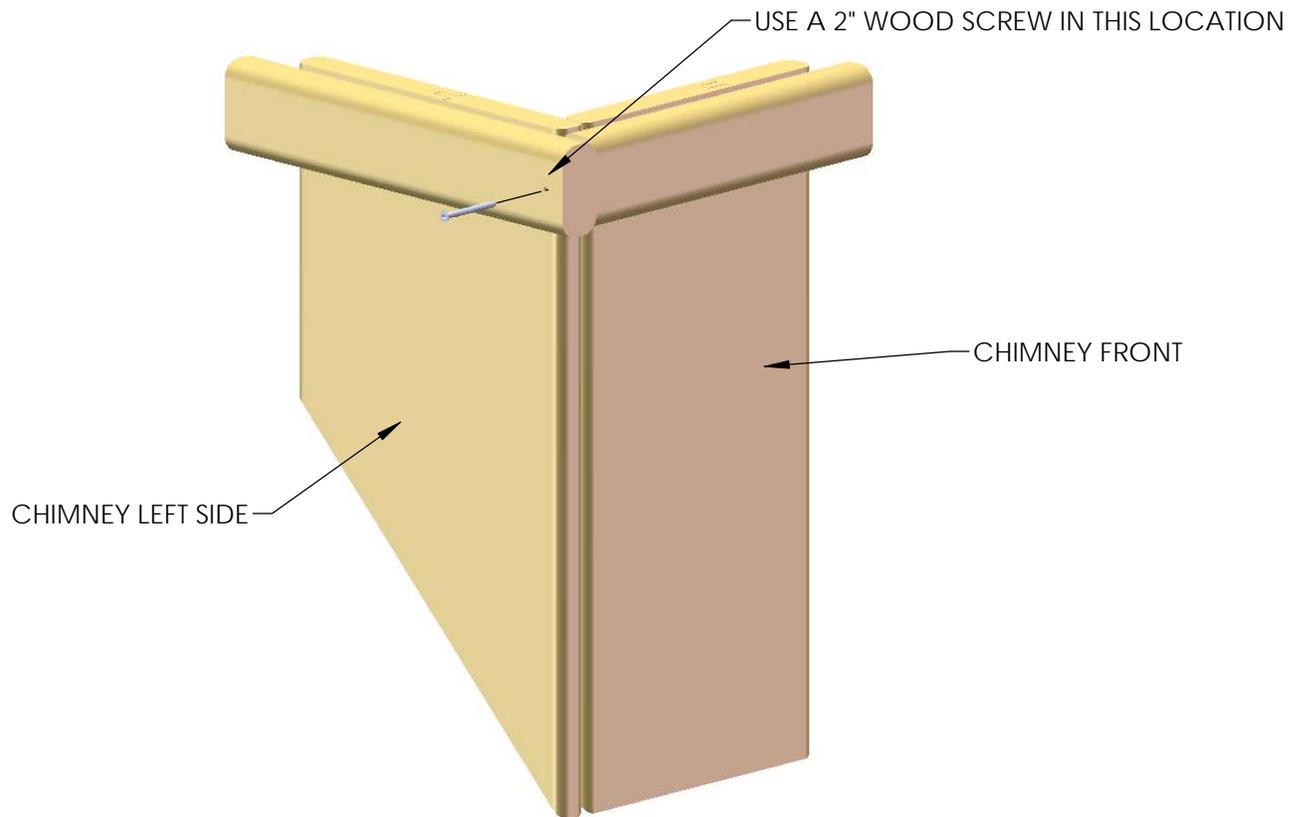


THE UNIT SHOWN ABOVE MAY NOT BE YOUR EXACT PLAYSET.
SHOWN FOR ILLUSTRATION PURPOSES ONLY

STEP 4: CHIMNEY

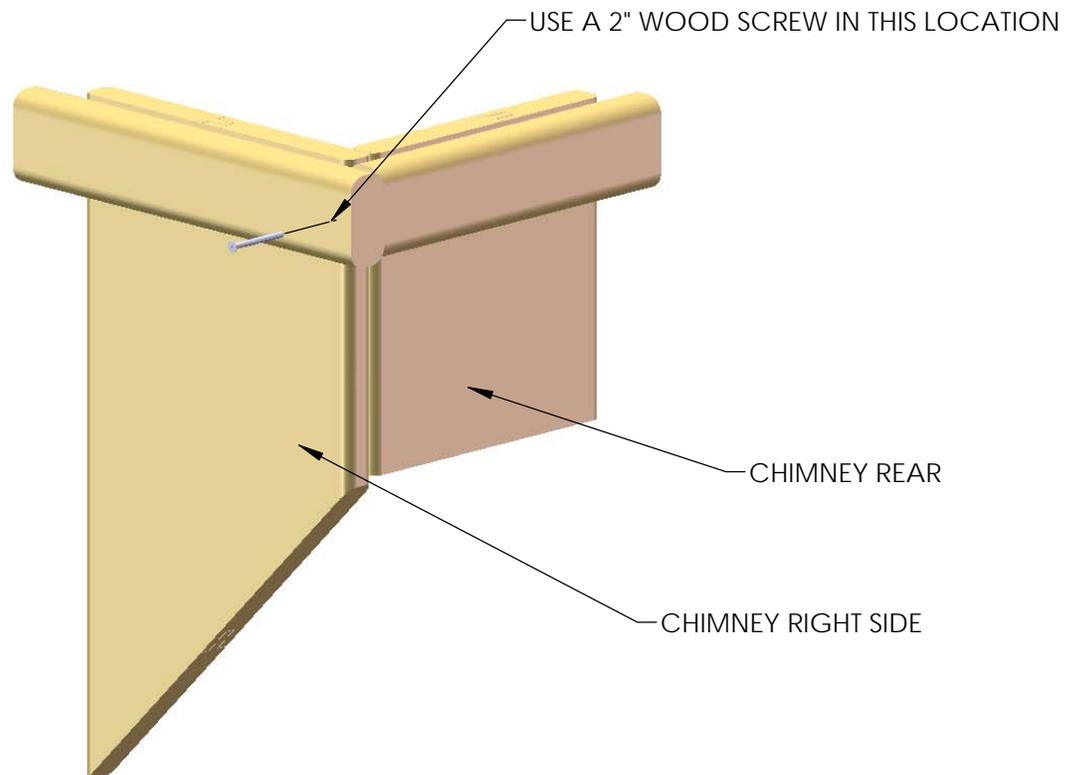
1: FIND THE FRONT AND LEFT SIDE OF THE CHIMNEY.

2: ATTACH THE FRONT AND LEFT SIDES OF THE CHIMNEY WITH A 2" WOOD SCREW.



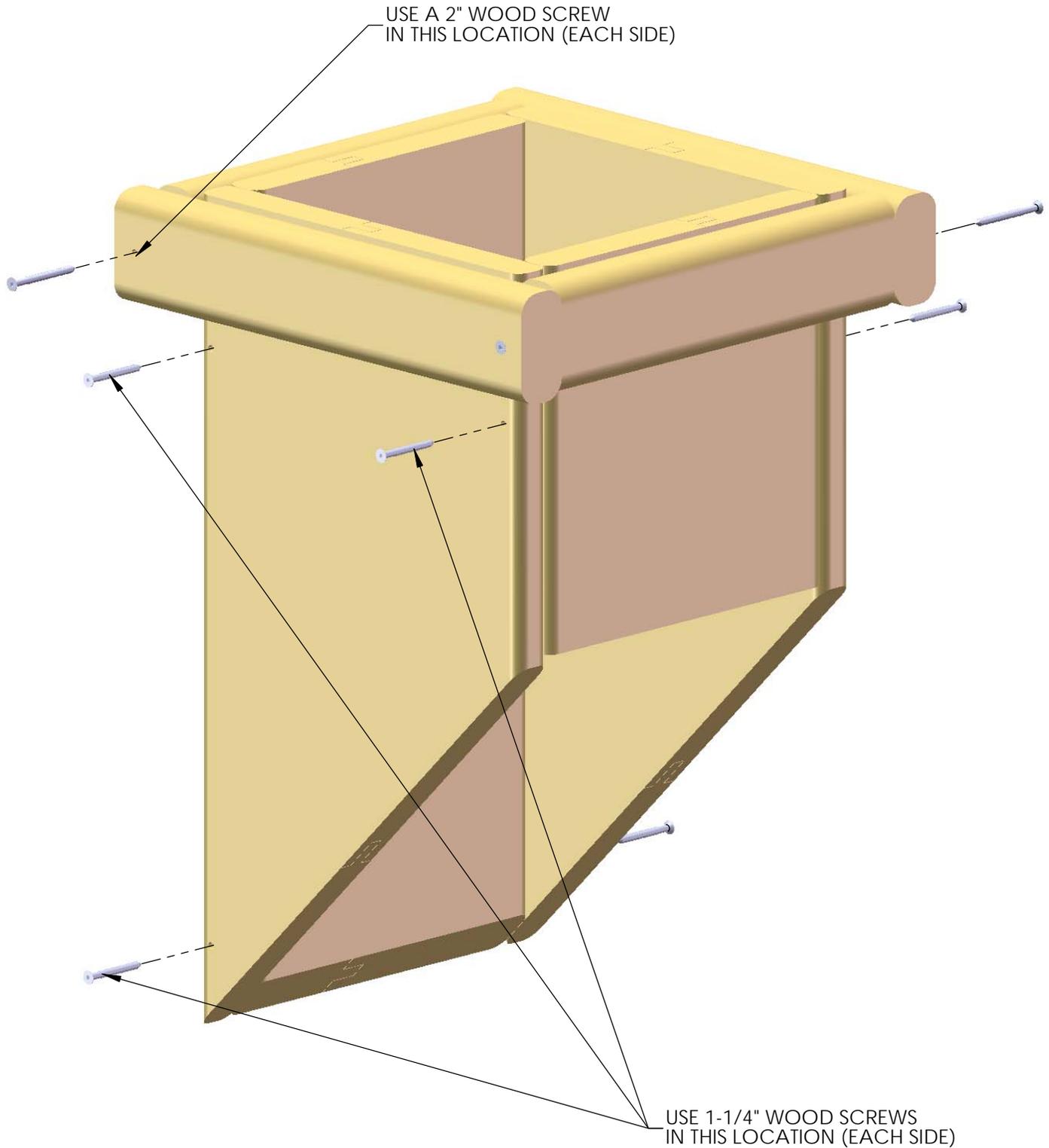
1: FIND THE REAR AND RIGHT SIDE OF THE CHIMNEY.

2: ATTACH THE REAR AND RIGHT SIDES OF THE CHIMNEY WITH A 2" WOOD SCREW.



STEP 5: CHIMNEY

1: ATTACH THE CHIMNEY SIDES FROM THE PREVIOUS SIDES TO FORM THE CHIMNEY WITH 2" AND 1-1/4" WOOD SCREWS.

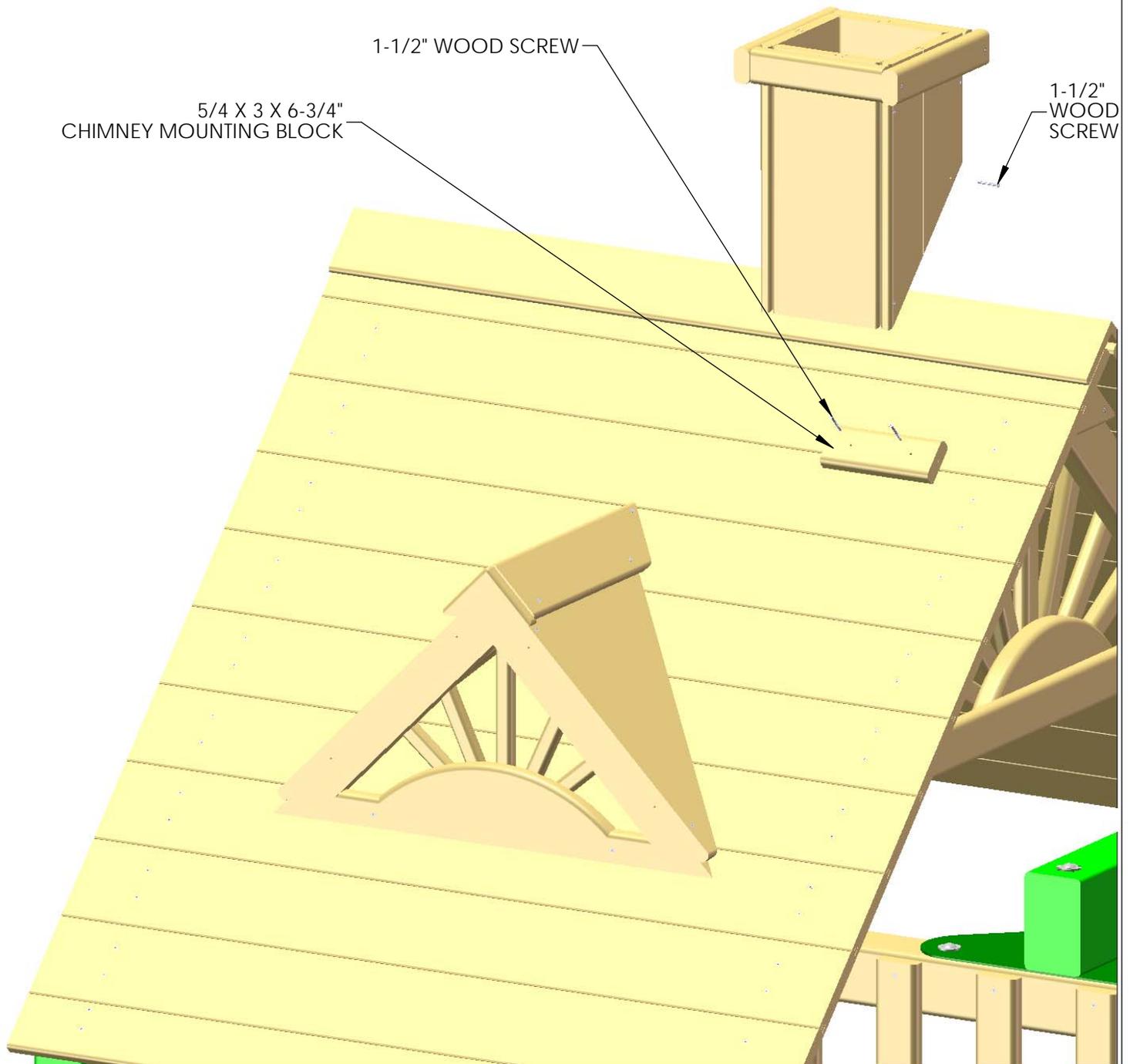


STEP 6: CHIMNEY

1: FASTEN THE 5/4 X 3 X 6-3/4" CHIMNEY MOUNTING BLOCK TO THE ROOF WITH 1-1/2" WOOD SCREWS. YOU CAN PLACE THE BLOCK AT ANY DESIRED PLACE ON THE ROOF. USE THE DIAGRAM BELOW AS A GUIDE AS TO WHERE YOU MIGHT INSTALL YOUR CHIMNEY.

2: AFTER INSTALLING THE CHIMNEY MOUNTING BLOCK, PLACE THE CHIMNEY ASSEMBLY ON THE ROOF SO THAT THE INSIDE OF THE BACK WALL RESTS AGAINST THE BLOCK.

3: FASTEN THE CHIMNEY TO THE CHIMNEY MOUNTING BLOCK WITH A 1-1/2" WOOD SCREW IN EACH SIDE.



ABOVE UNIT MAY NOT BE YOUR EXACT PLAYSET.
SHOWN FOR ILLUSTRATION PURPOSES ONLY.